



Since 1980

# YUTA

## 優達樹脂化工股份有限公司 YUTA RESIN CHEMICAL CO., LTD.

讓您的產品引領未來  
Make Your Products Lead The Future

專業丙烯酸樹脂&胺基樹脂領導品牌

Expert of Acrylic Resin & Amino Resin



## 公司簡介 Company Profile

### 營運概況 Operating Overview

- 創立於 Established in : 1980-08-02
- 統一編號 Unified Business No. : 72177977
- 資本總額 Amount of Capital : US\$10 Million
- 工作夥伴 Working partners : 80
- 工廠面積 Factory Area : 16500m<sup>2</sup>
  - 新營廠 Xinying Factory
  - 官田廠 Guantian Factory
- 產品 Products :
  - 丙烯酸樹脂 Acrylic Resin
  - 胺基樹脂 Amino Resin→ 專業的16項產業線  
Specializing in 16 industrial Applications

### 願景 Vision

- 成為丙烯酸樹脂及胺基樹脂世界領導品牌  
To be the Worldwide Leading Brand in Acrylic Resin and Amino Resin

### 使命 Mission

- 提供完整的服務，幫我們的顧客爭取第一  
Providing full spectrum of services to help our clients fight for the first place
- 善用我們的專長，跟顧客共同在市場中獲勝  
Take advantage of our expertise, together with clients to win in the market

### 價值觀 Values

- 綠色企業體  
Green
- 共生企業體  
Symbiotic
- 學習企業體  
Learning

### 硬體 Hardware

- 國際級的化工廠 World-class chemical plant
- 自動化生產設備 Automatic production equipments
- 完整的QC設備 Complete QC instruments

### 軟體 Software

- 全面實施E化，採用企業資源規劃系統、雲端辦公套件系統(電子郵件、文件、雲端硬碟和日曆)  
Implement Electronic data processing. Adopting ERP, Cloud-Based Office Suite(Email, Docs, Drive, Calendar)
- 榮獲BSI ISO 9001 品質管理系統驗證，證書號碼為 FM 680218  
Certified by BSI to ISO 9001 Quality Management under certificate number FM 680218
- 榮獲BSI ISO 14001 環境管理系統驗證，證書號碼為 EMS 680276  
Certified by BSI to ISO 14001 Environmental Management under certificate number EMS 680276
- 榮獲BSI OHSAS 18001 職業安全與衛生管理驗證，證書號碼為 OHS 680279  
Certified by BSI to OHSAS 18001 Occupational Health & Safety Management under certificate number OHS 680279





## 經營策略 Management Strategies

### ● 高值化加高質化 High Value plus High Quality

- 高值化：高附加價值化，即學術界所謂VA(價值分析)/VE(價值工程)。  
High value: High added value. It is so-called VA(value analysis) or VE(value engineer) in academic circles.
  - 透過嚴格的原料檢驗測試及多家比價取得貨真價實的原料。  
Obtaining the genuine material through price comparison and raw material inspection.
  - 優化核心原料組合來強化基本功能，削減次級功能，去除不必要功能，研改符合顧客真正需要的產品，並大幅降低配方成本。  
Optimizing the core raw material combination to strengthen the primary function, decreasing the minor and eliminating the unnecessary one, so as to greatly lower the formula costs to develop the products meeting the real needs of clients.
- 高質化：配合顧客開發符合市場需求之創新產品。  
High quality: Cooperate with clients to develop the innovative products meeting the need of the market.
  - 開發客製化新產品。  
Developing customized products.
  - 開發國際市場同等品之產品。  
Developing products equivalent to the best sellers in the international market.
  - 開發性能優越的產品讓客戶領導市場。  
Developing products with excellent performances to make clients lead the market.
  - 開發環保產品及高科技水性化產品。  
Developing eco-friendly products and high-tech water-based products.

### ● 差異化 Differentiation

- 運用堅強研發團隊，整合引進技術做到產品齊全、技術完整、服務周到、滿足客戶，來順利完成轉型。優達不斷進行橫向轉型，到今日轉型成功16大產業線。  
Employing the strong R&D team to integrate importing technologies for complete products, comprehensive techniques, good service and customer satisfaction, to make the transformation successfully. YUTA incessantly proceeds in horizontal transformation, which has already successfully transformed 16 industrial applications so far.
- 在相同一組原料及設備共用之下，透過產品多元化，多樣化，設備自動化，生產大量化的優勢，降低採購成本及製造成本，便可大幅提升核心競爭力。  
Under the same set of raw materials and facilities, and through the advantages of product diversification, equipment automation and mass production to lower purchasing & manufacturing costs, it can largely raise the core competitiveness.
- 不斷轉型多項產業除了可大幅提升核心競爭力、壯大事業外，尚可避免紅海血拚，及做好風險管理。  
Constantly transferring multiple product lines not only can largely increase core competitiveness & widen the business, but also can avoid price comparing (red ocean) to be ready for risk management.

### ● 藍海 Blue Ocean

- 建立專業技術服務團隊及創新行銷團隊。  
Establishing a technique service and creative marketing team.
- 利用實施「平衡計分卡」蓄積五大優勢提供顧客全方位合作與服務。  
With implementing BSC, to accumulate the five advantages to provide the clients with all-directional cooperation & service.
- 憑藉核心競爭力，產業線競爭力強大優勢大幅提升市占，降低管銷、製造費用百分比，並擴大原物料議價空間，將利潤回饋與客戶，便可大幅提升營運優勢。  
With the powerful advantages of R&D innovation & industry lines core competitiveness, to raise the market share largely, lower the percentage rate in management, sales and production, and expand the raw material negotiation space to feedback the profit to the clients. By doing so, it is easy to increase the operation advantage largely.

## 五大合作優勢 Five Cooperation Advantages



### 研發優勢

#### Research & Development

- 優達有三大技術部門，擁有堅強的研發團隊。  
YUTA has three technical departments, and strong R&D team.
- 引進國外標竿產品技術研改高值化產品(高競爭力產品)。  
Introducing the technology of global benchmarking products to develop and improve the high value products (Products with high competitiveness).
- 運用堅強研發團隊配合客戶開發符合市場需求之創新產品(高質化產品)。  
Cooperating with clients to develop the innovative products for meeting the needs of the market (Products with high quality).
  - 開發客製化產品。  
Developing customized products.
  - 開發國際市場同等品產品。  
Developing products equivalent to the best sellers in the international market.
  - 開發高品質及高性能產品。  
Developing products with excellent performances to make clients lead the market.
  - 開發環保產品及高科技水性化產品。  
Developing eco-friendly and high-tech water-based products.

### 提供有利轉型平台優勢

#### Providing a favorable transformation platform

- 優達係丙烯酸樹脂與氨基樹脂最專業產銷公司，產品橫跨十六大產業線。  
We are the most specialized and professional production and marketing company in acrylic resin and amino resin. Our products across 16 industrial applications.
- 可提供該產業線相當水準之專業技術知識，泛用性市場資訊以及競爭力超強產品。  
We can provide every industrial application with professional and technical knowledge, general-purpose market information and products with strong competitiveness.



## 產品競爭力優勢

### Product competitiveness

- 核心競爭力強：透過產品多元化、設備自動化、生產大量化的優勢；降低採購成本並提高產品品質。  
Strong core competitiveness:  
Through the advantages of product diversification, equipment automation and mass production to lower purchasing costs to improve product quality.
- 產業線競爭力強：精進機械設備並優化流程，來提升產率、反應率、良率，縮短工時，如此便可提升品質及品質穩定度並降低製造成本。  
Strong industrial lines competitiveness:  
With sophisticated equipments and optimizing the process of manufacturing to improve capacity rate, reaction rate, yield rate and shortening working hours. In this way, it could raise the quality and stability of the product, also reduce manufacturing costs.
- VAVE 競爭力強：優化核心原料組合來強化基本功能，削減次級功能，去除不必要功能，研改符合顧客真正需要的產品，並大幅降低配方成本。  
Strong VAVE competitiveness:  
Optimizing the core raw material combination to strengthen the primary function, decrease the minor and eliminate the unnecessary one, so as to greatly lower the formula costs to develop the products for meeting the real needs of clients.
- 產品競爭力強：整體競爭力已達國際水平且不同產業線都有創新及特色產品並領先市場；提供客戶在性能、品質、價格方面優於市場的產品；提高客戶的市場競爭力。  
Strong product competitiveness:  
The overall competitiveness has reached the international level. Each industrial line has its innovative and unique products to provide better performance, quality and price in the market ; improve the market competitiveness of customers.

## 品管及品保百分百優勢

### Quality control and Quality Assurance

- 品管百分百：  
設備自動化且貫徹執行 ISO 9001 管理模式，落實原料、流程、產品品管百分百。  
100% Quality Control:  
With equipment automation and implementation of ISO 9001 management System, we practice 100% of quality control of raw material, process, and products.
- 品保百分百：  
建立技術服務團隊(優達品保小組)，協助客戶解決問題，建立專業品牌形象，達到品保百分百。  
100% Quality Assurance:  
We set up a technical service team (YUTA QA Team) to help clients solve problems and build our professional brand image.

## 專業服務優勢

### Professional services

- 完整的售前技術交流及高附加價值的提案合作。  
Complete pre-sale technical exchange and high value-added proposal cooperation.
- 創新的行銷團隊及專業技術服務團隊提供客戶全方位的服務與合作，讓我們客戶在市場上爭取第一。  
Our innovative marketing team and professional technical service team provide clients with all-round service and cooperation, and let our customers win the first place in the market.

## 產品應用 Product Applications



汽車內飾  
Automotive Interior



汽車修補漆  
Automotive Refinish



汽車保險桿  
Car Bumper



汽車輪圈  
Car Wheel



通用色漿  
Universal Paste



機車  
Motorcycle



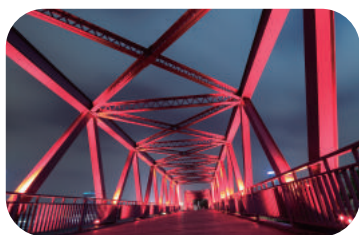
自行車  
Bike



眼鏡  
Glasses



安全帽  
Helmet



鋼結構  
Steel construction



木器  
Woodenware



金屬  
Metal



玻璃  
Glass



百葉窗  
Blind



罐頭  
Can



機械  
Mechanical



儲槽  
Tank



不織布  
Non-Woven Fabric



皮革  
Leather



紡織  
Textile



貼合  
Lamination



防水塗料  
Waterproof Coating



建材塗料  
Architectural Coating



路線漆  
Traffic Paint



紙上光/OPP貼合  
Overprinting Varnish/  
OPP Lamination



燙金  
Hot Stamping



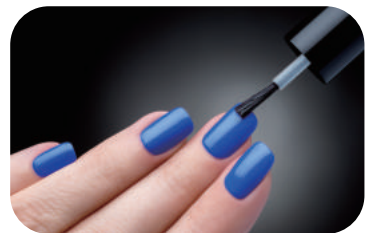
電鍍金油  
Electroplating Varnish



電泳漆  
Electrodeposition Coating



感壓膠  
Pressure-sensitive Adhesive



指甲油  
Nail Polish



## 主力產品推薦表 Recommendation of Key Products

NO	用途 Applications	產品 Products
<b>1</b>	<b>胺基樹脂 Amino Resin</b>	
1-1	丁基化 Butylated	M-828, M-829, M-868, M-20SE, M-117, M-167N, M-337, M-823N
1-2	甲基化 Methylated	M-325, M-320, M-826, M-757
<b>2</b>	<b>熱塑性丙烯酸樹脂(TPA) Thermoplastic Acrylic Resin</b>	
2-1	汽車修補 Car Refinish	A-743-45, A-743-60
2-2	路線漆 Traffic Paint	A-909K, A-989
2-3	金屬材料 Metal Material	A-357N
2-4	酒精糊 Alcohol Paste	A-810H
2-5	噴磁漆改質劑 Enamel Modifier	B-99
2-6	調整硬度及乾燥速度(添加用) Adjustment for the Hardness and Drying Time (as Additive)	A-698
2-7	熱燙印紙或塑膠背膠 Hot stamping adhesive for paper and plastics	AS-131, AS-163
2-8	熱燙印OPP背膠 Hot stamping adhesive for OPP	SS-118
<b>3</b>	<b>工業塗料用水性丙烯酸樹脂 Water-Based Acrylic Resin for Industrial Coating</b>	
3-1	水性熱固性丙烯酸樹脂 Water-based Thermosetting Acrylic Resin	WT-702, WT-601, AT-888, WT-37L, WT-38
3-2	水性丙烯酸多元醇樹脂 Water-based Acrylic Polyol Resin	WU-901, WU-906, WU-908
<b>4</b>	<b>熱固性丙烯酸樹脂(TSA) Thermosetting Acrylic Resin</b>	
4-1	鋁合金鋼圈底色漆 Basecoat for Aluminum Rim	AT-46HN
4-2	鋁合金鋼圈&自行車面漆 Topcoat for Aluminum Rim & Bike	AT-101, AT-105
4-3	自行車面漆 Topcoat for Bike	AT-101, AT-105
4-4	自行車底色漆 Basecoat for Bike	AT-580
4-5	玻璃烤漆 Glass Coating	AT-581, AT-239
4-6	罐頭烤漆 Can Coating	AT-534
4-7	電鍍金油 Electroplating Varnish	AT-789, AT-799, AT-899, AT-888, AT-833
4-8	百葉窗&捲尺 Blinds & Measuring Tape	AT-46HN, AT-46A
4-9	一般家電、工業用 General Appliances, Industrial Usage	AT-46HN, AT-510H, AT-581
<b>5</b>	<b>兩液型PU塗料用羟基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU</b>	
5-1	機械儀器 Mechanical Instruments	UR-168N-3, UR-433A, B-99
5-2	木工傢俱 Wood Furniture	UR-722-60, UR-731, UR-506D, UR-1907D
5-3	眼鏡 Glasses	UR-1907A, UR-2107A
5-4	安全帽 Helmet	UR-2103A, UR-728, UR-707, UR-365N, UR-509H
5-5	汽車修補底色漆(50%~60%) Basecoat for Car Refinish (50%~60%)	UR-147, UR-728, UR-1907D
5-6	汽車修補面漆(60%~70%) Topcoat for Car Refinish (60%~70%)	UR-518C, UR-518A, UR-867, UR-365N, UR-519B, UR-707, UR-508, UR-535, UR-147
5-7	汽車修補色漿 Color Paste for Car Refinish	Ti-211, Ti-217
5-8	汽車保險桿 Car Bumper	A-68, AL-7
5-9	汽車內飾 Automotive Interior	UR-2455
5-10	機車色漆 Basecoat for Motorcycle	UR-728, UR-1907D
5-11	機車金油 Clearcoat for Motorcycle	UR-518B, UR-2107

NO	用途 Applications	產品 Products
<b>5</b>	<b>兩液型PU塗料用羥基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU</b>	
5-12	鋼構儲槽 Steel Construction and Tank	UR-176N, UR-2107, UR-168N-3
5-13	木紋紙面漆 Topcoat for Wood Grain Paper	UR-512, UR-168N-3, UR-433N
5-14	金屬底材、工程塑膠用底漆、銀粉漆 Basecoat and Metallic paint for Metal, Engineering Plastics	UR-577, UR-1907D, UR-1907, UR-506D
5-15	金屬底材、工程塑膠用面漆(一次塗裝) Topcoat for Metal, Engineering Plastics (One Coat)	UR-2103A, UR-2107
<b>6</b>	<b>感壓膠 Pressure Sensitive Adhesive(PSA)</b>	
6-1	廣告材料 Commercial Material	PSA-P52H
6-2	冷裱膜 Cold Laminating Film	PSA-P62
6-3	醫用膠 Medical Operation Tape	PSA-M7-1
6-4	可移膠 Removable Tape	PSA-R6
6-5	商標紙 Label Tape	PSA-N8
6-6	上蓋帶 Front Cover Tape	PSA-E55
<b>7</b>	<b>電泳漆 ED</b>	
7-1	鋁型材陽極電泳漆用陰離子丙烯酸樹脂 Anionic Acrylic Resin for Anodic Electrodeposition Coatings Aluminum Profiles	ED-8, ED-9
<b>8</b>	<b>乳化樹脂 Emulsion Resin</b>	
8-1	防水底漆 Waterproof Primer	BD-1H, AE-300, AE-6002-2, AE-3700
8-2	彈性水泥 Elastic Cement	AE-3609-1J, AE-3618, AE-7750, AE-3601, AE-3635, AE-3634
8-3	彈性塗料 Elastic Paint	AE-7650, AE-7660, AE-7411
8-4	室內水泥漆 Interior Cement Paint	AE-6000, AE-3000, AE-3003G
8-5	室外水泥漆 Exteriorcement paint	AE-6220, AE-9000-1, AE-9001, AE-7411
8-6	室內外色漆 Interior and Exterior Color Paint	AE-7660-3
8-7	石頭漆 Stone Paint	AE-6006, AE-9006A, AE-7411
8-8	多彩漆 Multi-colorPaint	AE-7660
8-9	隔熱塗料 Thermal Insulation Coating	AE-7660, AE-7411
8-10	磁磚漆 Tile Varnish	AE-6007, AE-7411
8-11	水泥增強劑 Cement Enhancer	AE-3700
8-12	密著助劑 AdhesionAuxiliaries	AE-6007
8-13	矽酸鈣板塗飾 Calcium Silicate Board Coating	AE-3050
8-14	填縫劑、補土(重質)彈泥Caulking Agent, Elastic Putty (Heavy Density)	AE-7750
8-15	屋頂防水塗料、黑膠 Waterproof Coating for Roof	AE-7550
8-16	防水面漆 Waterproof Varnish	AE-9006A
8-17	貼合 Laminating Binder	BD-1J, BD-700
8-18	OPP貼合 OPP Laminating	AE-812
8-19	水性紙上光 Overprint Varnish	AE-815(Off line), AE-817(In line)
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## 溶劑略語表

Solvent Abbreviation Table

Abbreviation	全名	Full name
BAC	醋酸丁酯	Butyl acetate
BCS	乙二醇單丁醚	Butyl cellosolve
BuOH	丁醇	Butanol
CAC	乙二醇乙醚醋酸酯	Cellosolve acetate
DBE	二元酯	Dibasic Esters
ECS	2-乙氧基乙醇	Ethyl cellosolve
EEP	3-乙氧基丙酸乙酯	Ethyl 3-ethoxypropionate
EtOH	乙醇	Ethanol
IBA	異丁醇	iso-Butanol
IPA	異丙醇	iso-Propanol
MEK	丁酮 (甲乙酮)	Methyl ethyl ketone
MeOH	甲醇	Methanol
MIBK	甲基異丁基甲酮	Methyl isobutyl ketone
NBA	正丁醇	n-Butanol
nBAC	醋酸正丁酯	n-Butyl acetate
PM	丙二醇甲醚	Propylene glycol methyl ether
PMA	丙二醇甲醚醋酸酯	Propylene glycol methyl ether acetate
PMP	丙二醇甲醚丙酸酯	Propylene glycol methyl ether propionate
S-100	油漆溶劑-100	High-flash aromatic naphtha-100
S-150	油漆溶劑-150	High-flash aromatic naphtha-150
TOL	甲苯	Toluene
XYL	二甲苯	Xylene
	混合醇類	Mixed alcohol

## 略語表

Abbreviation Table

Abbreviation	全名	Full name
1K	單組份/一液	One component / One pack
2K	雙組份/二液	Two component / Two pack
ABS	丙烯腈-丁二烯-苯乙烯共聚物	Acrylonitrile butadiene styrene
AED	陽極電泳漆	Anodic electrodeposition coating
Al	鋁	Aluminum
APEO	烷基酚聚氧乙烯醚類化合物	Alkyl phenyl ethylene oxide
DOI	鮮映性	Distinctness of image
FRP	纖維強化塑膠	Fibre-reinforced plastic
HIPS	高衝擊聚苯乙烯	High impact polystyrene
MFFT	最低成膜溫度	Minimum film forming temperature
NC	硝化纖維	Nitrocellulose
NV	固成份：固含量	Non-volatile content
OPP	定向聚丙烯	Oriented polypropylene
PC	聚碳酸酯	Polycarbonate
PCM	預塗鋼板	Precoated metal
PP	聚丙烯	Polypropylene
PS	聚苯乙烯	Polystyrene
PU	聚氨酯	Polyurethane
PVC	聚氯乙烯	Polyvinyl chloride
PVC*	顏料體積濃度	Pigment volume concentration
SMC	板狀模造複合材料	Sheet Molding Compound
Tg	玻璃轉移溫度	Glass transition temperature
UV	紫外線	Ultraviolet

### Note:

- O 澄清 Clear. X: 混濁 Turbid
- Film hardness: HH>H>M>S>SS
- The Range of NV is  $NV \pm a\%$ 
  - If  $NV \geq 55\%$ , then  $a=2$
  - If  $NV < 55\%$ , then  $a=1$



## 1-A 塗料用胺基樹脂 Amino Resin for Paint

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent
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### 正丁基化尿素甲醛樹脂 n-Butylated Urea Formaldehyde Resin

M-832	60	≤10	O~R	≤4	BuOH XYL
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### 異丁基化尿素三聚氰胺甲醛樹脂 iso-Butylated Urea/Melamine Formaldehyde Resin

M-337	70	≤10	Z4~Z7	≤3	Mixed alcohol
M-345F	60	≤10	S~V	≤2	Mixed alcohol

### 異丁基化三聚氰胺尿素甲醛樹脂 iso-Butylated Melamine/Urea Formaldehyde Resin

M-28L	65	≤10	V~Y	≤2	BuOH
M-820	62	≤10	R~U	≤3	BuOH XYL
M-829	66	≤10	R~U	≤3	BuOH
M-868	70	≤10	T~W	≤3	BuOH XYL

### 異丁基化三聚氰胺甲醛樹脂 iso-Butylated Melamine Formaldehyde Resin

M-167N	62	≤10	R~U	≤2	BuOH
M-822F	62	≤10	P~T	≤3	BuOH
M-828	62	≤10	J~Q	≤2	BuOH XYL

### 正丁基化三聚氰胺甲醛樹脂 n-Butylated Melamine Formaldehyde Resin

M-117	61	≤10	H~L	≤3	BuOH XYL
M-20S	61	≤10	J~N	≤2.5	BuOH

### 丁基化三聚氰胺苯基胍胺甲醛樹脂 Butylated Melamine/Benzoguanamine Formaldehyde Resin

M-821	61	≤10	J~N	≤2.5	BuOH
M-823N	61	≤10	H~L	≤3	BuOH XYL

### 部分甲基化三聚氰胺甲醛樹脂 Partially Methylated Melamine Formaldehyde Resin

M-325	82	≤10	W~Z	≤3	BuOH
M-327	90	≤10	Z2~Z5	≤3	BuOH
M-625S	80	≤10	Z3~Z6	≤1	BuOH

特性 Characteristics	主要用途 Applications
附著性。抗回黏。與環氧樹脂相容性 Adhesion. Blocking resistance. Epoxy resin compatible	PCM、罐頭烤漆 Baking enamel for PCM & can coating
低游離甲醛。速硬化。高黏度。高硬度 Low free formaldehyde. Fast Curing. High Viscosity. Hardness	酸硬化木器塗料面漆、底漆 Topcoat and primer for acid-curing wood coating
光澤保持性。耐水性。低游離甲醛。可使用時間長 Gloss retention. Water resistance. Low free formaldehyde. Long pot life	酸硬化木器塗料面漆 Topcoat for acid-curing wood coating
速乾。低游離甲醛。密著。架橋性 Fast drying. Low free formaldehyde. Adhesion. Reactivity	醇酸樹脂烤漆用(2C1B) Baking enamel for alkyd resin (2C1B [2 coating, 1 baking])
低游離甲醛。密著。架橋性。安定性 Low free formaldehyde. Adhesion. Reactivity. Stability	醇酸樹脂烤漆用 Baking enamel for alkyd resin
聚酯樹脂相容性。低游離甲醛。安定性 Polyester resin compatible. Low free formaldehyde. Stability.	聚酯與醇酸樹脂烤漆用 Baking enamel for polyester resin & alkyd resin
相容性。高豐滿度。高光澤。速架橋。重塗性。低游離甲醛 Compatibility. High Fullness. High Gloss. Fast Curing. Recoatability. Low free formaldehyde	泛用烤漆用 Baking Enamel for General Purpose used
硬度。物性 Hardness. Physical properties	聚酯與醇酸樹脂烤漆用 Baking enamel for polyester resin & alkyd resin
標準型。相容性。耐化性。安定性。不含塑化劑 Standard type. Compatibility. Chemical Resistance. Stability Plasticizer free	泛用烤漆用 Baking Enamel for General Purpose used
相容性。重塗性。安定性。物性 Compatibility. Recoatability. Stability. Physical properties	泛用烤漆用 Baking Enamel for General Purpose used
密著。鮮映性。高光澤。高硬度。耐化性。耐沸水。 Adhesion. Distinctness of image. High gloss. High hardness. Chemical resistance. Boiling water resistance	電鍍金油、泛用金油等高級烤漆 High End Varnish for electroplating products and general purpose
相容性。光澤。架橋性。硬度。 Compatibility. Gloss. Reactivity. Hardness	家電製品及電鍍金油等高級烤漆 High quality baking enamel for domestic appliance and electroplating products.
相容性。光澤。架橋性。硬度。 Compatibility. Gloss. Reactivity. Hardness	家電製品及電鍍金油等高級烤漆 High quality baking enamel for domestic appliance and electroplating products.
密著。鮮映性。高光澤。高硬度。耐化性。耐沸水。 Adhesion. Distinctness of image. High gloss. High hardness. Chemical resistance. Boiling water resistance	電鍍金油、泛用金油等高級烤漆 High End Varnish for electroplating products and general purpose
相容性。速硬化。硬度。光澤。 Compatibility. Fast curing. Hardness. Gloss	泛用水性、油性烤漆 Water-based and solvent-based baking enamel for general purpose
相容性。速硬化。硬度。光澤。 Compatibility. Fast curing. Hardness. Gloss	泛用水性、油性烤漆 Water-based and solvent-based baking enamel for general purpose
相容性。速硬化。硬度。光澤。 Compatibility. Fast curing. Hardness. Gloss	泛用水性、油性烤漆 Water-based and solvent-based baking enamel for general purpose



## 1-A 塗料用胺基樹脂 Amino Resin for Paint

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent
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### 部份醚化甲基丁基混醚三聚氰胺甲醛樹脂 Partially Methylated/Butylated Melamine Formaldehyde Resin

M-202	82	≤10	Y-Z2	≤2	BuOH
M-320	75	≤10	H~L	≤1	BuOH
M-826	65	≤30	<A	≤3	BuOH

### 全醚化甲基、正丁基混醚三聚氰胺甲醛樹脂 Fully Methylated/n-Butylated Melamine Formaldehyde Resin

M-757	98	≤30	X~Z1	≤3	BuOH
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### 正丁基化苯基胍胺甲醛樹脂 n-Butylated Benzoguanamine Formaldehyde Resin

M-126	70	≤10	F~I	≤2	NBA XYL
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## 1-B 纖維加工用胺基樹脂 Amino Resin for Textile

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent
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### 部份甲基醚化尿素三聚氰胺甲醛樹脂 Partial methylated Urea- Melamine Formaldehyde Resin

KM-60	65	≤50	A~F	≤3	Water MeOH
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## 2 鋁型材陽極電泳漆用陰離子丙烯酸樹脂

Anionic Acrylic Resin for Anodic Electrodeposition Coatings on Aluminum Profiles

品號 Product No.	固成份 NV[%]	黏度 Viscosity (25° C, Gardner)	溶劑 Solvent
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ED-8	60	U~Y	IPA BCS
ED-9	60	U~Y	IPA BCS

特性 Characteristics	主要用途 Applications
相容性。速硬化。硬度。光澤。 Compatibility. Fast curing. Hardness. Gloss	泛用水性、油性烤漆 Water-based and solvent-based baking enamel for general purpose
超速硬化。高架橋密度。相容性。 Very fast curing. High reactivity density. Compatibility.	增補性架橋劑 Auxiliary cross-linking agent
低溫架橋 Low temperature cross-linking.	燙金、轉移膜超速架橋劑 Fast cross-linking agent for hot stamping and film transfer.
層間密著。物性。耐鹽噴。 Layer adhesion. physical properties. Salt spray resistance	用於PCM、水性烤漆、AED等金屬底材面漆 Topcoat for metal substrate such as PCM, water-based baking finish and AED
耐蒸煮。加工性。保色性。相容性。 Steam cooking resistance. Processability. Color retention. Compatibility.	罐頭烤漆。高級烤漆 Can coating baking enamel. High quality baking enamel

特性 Characteristics	主要用途 Applications
防縮。防皺。使硬挺。低臭味。高安定性 Anti-shrinkage. Anti-wrinkle. Stiffness. Low odor. High stability	綿、合織、混合織物之防縮、防皺、硬挺、反撥加工用 Anti-shrinkage, anti-wrinkle, stiffening and reverse processing for cotton, synthetic fiber and mixed fabric.

特性 Characteristics	主要用途 Applications
高光澤。平坦性。鮮映性。上漆性。穩定性佳 High gloss. Leveling. Distinctness of image. Painting. Good in Stability	鋁型材用陽極電泳漆 Anodic electrophoretic coatings for Al profiles
高光澤。平坦性。鮮映性。上漆性。穩定性佳 High gloss. Leveling. Distinctness of image. Painting. Good in Stability	鋁型材用陽極電泳漆 Anodic electrophoretic coatings for Al profiles

### 3 特用熱塑性丙烯酸樹脂 Thermoplastic Acrylic Resin for Special Purpose

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent	T <sub>g</sub> (°C)
A-311	50	≤50	T~W	8~14	XYL BuOH	50
A-357	60	≤100	Z5~Z7	15~25	BAC PMA	35
A-357N	60	≤100	Z4~Z6	15~25	XYL BCS TOL	36
A-63	55±1.5	≤50	Z~Z3	≤8	XYL BAC	60
A-698	63	≤80	Z4~Z6	≤3	XYL BAC	
A-743-45	45	≤50	Z4~Z6	≤2	TOL MEK	-
A-743-60	60	≤50	Z3~Z6	≤1	TOL MEK	-
A-909K	55	≤50	Z2~Z5	≤3	TOL XYL	36
A-929	51	≤50	Z3~Z5	≤5	XYL S-100	-
A-959N	51	≤50	Z4~Z7	≤4	TOL XYL	-
A-989	55	≤50	Z2~Z5	≤5	XYL	-
B-99	51	≤200	V~Y	≤3	XYL IBA BAC	50



特性 Characteristics	主要用途 Applications
光澤。密著。和短油alkyd部份相容 Gloss. Adhesion. Partial compatible with Short oil alkyd	泛用清漆 General purpose varnish
對金屬、塑料密著性極佳。相容性。無苯類溶劑 Excellent adhesion to metal and plastic. Compatibility. Benzene-free solvent	塑料、金屬之底漆、面漆 Basecoat and topcoat for plastic and metal
對金屬、塑料密著性極佳。相容性 Excellent adhesion to metal and plastic. Compatibility	塑料、金屬之底漆、面漆 Basecoat and topcoat for plastic and metal
光澤。硬韌性。密著。耐候性 Gloss. Toughness. Adhesion. Weather resistance	金屬、電鍍製品等之塗裝 Coating for metal, electroplating products, etc.
高硬度。快乾。相容性 (Alkyd, NC) High hardness. Fast drying. Compatibility (Alkyd, NC)	工業塗料改質劑 Industrial paint modifier
速乾。耐候性。銀粉排列 Fast drying. Weather resistance. Al-orientation	汽車修補漆。PU之銀粉底漆 Topcoat for car refinishes. Metallic basecoat for PU
速乾。耐候性。銀粉排列 Fast drying. Weather resistance. Al-orientation	汽車修補漆。PU之銀粉底漆 Topcoat for car refinishes. Metallic basecoat for PU
耐水性。耐化性。柔韌性。戶外持久性。 Water resistance. Chemical resistance. Flexibility. Outdoor retention.	路線漆。 Traffic Paint
滲透性。攤平性。耐化性 Penetrability. Flatness. Chemical resistance	無機材質建材封閉底漆 Primer Sealer for non-organic building material
耐水性。耐化性。耐候性。柔韌性。與氯化橡膠相容性 Water resistance. Chemical resistance. Weather resistance. Flexibility. Compatible with Chlorinated Rubber	泛用高級水泥漆 General purpose high quality cement paint
耐黃變。光澤。耐化性。耐水性 Yellowing resistance. Gloss. Chemical resistance. Water resistance	無機材質建材自乾清漆、色漆(室外) Self-dry varnish and color paint for non-organic building material (Outdoors)
和中油、短油Alkyd可相容，提昇其速乾、光澤、硬度、耐黃變、耐蝕性 Medium & short-oil alkyd compatible, and improving its fast drying, gloss, hardness, yellowing resistance and corrosion resistance	噴塗漆、噴漆之改質劑 Modifying agent for enamel & lacquer

## 4 塑膠塗料用熱塑性丙烯酸樹脂 Thermoplastic Acrylic Resin for Plastics Coating

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25 ° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent	Tg (°C)	CAB- 381	CAB- 551	NC- 1/4"
A-110	51	≤30	Z2~Z5	≤2	TOL MEK	104	X	O	O
A-113	51	≤30	Z~Z3	≤5	TOL MEK	112	O	O	O
A-113L	60	≤50	W~Z	≤10	TOL EAC BAC	105	O	O	O
A-1209	51	≤50	X~Z1	≤8	TOL NBA EAC	82	X	X	O
A-2090	52±1.5	≤50	Y~Z2	≤5	TOL nBAC MIBK	50	O	O	O
A-50N	51	≤50	V~Y	≤3	IPA TOL XYL	50	O	O	O
A-52	51	≤50	Z5~Z8	≤8	IBA TOL	50	O	O	O
A-68	51	≤50	Z4~Z7	≤6	TOL MIBK S-100	65	X	X	O
A-74	51	≤50	W~Z	≤5	TOL IBA	74	O	O	O
A-77	53	≤50	Z5~Z7	≤2	TOL IBA MEK XYL	95	O	O	O
A-80	50	≤30	Z~Z3	≤2	TOL MEK	80	X	O	O
A-90R	52.5±1.5	≤50	Z5~Z7	≤6	TOL MIBK	93	O	O	O
AL-7	51	≤50	W~Z	≤3	BAC	60	X	O	O

<p>特性 Characteristics</p>	<p>主要用途 Applications</p>
<p>硬度。速乾。耐可塑劑移行。耐酒精 Hardness. Fast drying. Plasticizer migration resistance. Alcohol resistance</p>	<p>PVC塗裝。色餅。色膏 PVC coating. Color-cake. Color-paste</p>
<p>高硬度。速乾。耐久性 High hardness. Fast drying. Durability</p>	<p>ABS、PVC耐酒精噴漆 Alcohol-resistant lacquer for ABS and PVC</p>
<p>光澤。作業性 Gloss. Workability</p>	<p>塑膠噴漆之光油 Varnish for plastics</p>
<p>硬度。速乾。耐酒精。不侵蝕底材 Hardness. Fast drying. Alcohol resistance. Non-corrosive on substrate</p>	<p>ABS、PS、PC、真空電鍍塗裝 Coating for ABS, PS, PC and vacuum electroplating</p>
<p>底材及層間密著。銀粉排列。柔韌性 Substrate &amp; Layer adhesion. Al-orientation. Flexibility</p>	<p>塑膠自乾漆。PU。烤漆。UV之銀粉底漆 Self-dry coating for plastics. PU. Baking finish. Metallic basecoat for UV</p>
<p>光澤。醇類稀釋性。密著。顏料分散性 Gloss. Dilution of alcohol. Adhesion. Pigment dispersibility</p>	<p>PS、HIPS塗裝用 Coating for PS &amp; HIPS</p>
<p>柔韌性。抗磨損。密著 Flexibility. Abrasion resistance. Adhesion</p>	<p>塑膠自乾漆。PU。烤漆。UV之銀粉底漆 Self-dry coating for plastics. PU. Baking finish. Metallic basecoat for UV</p>
<p>氯化PP相容。底材及層間密著。耐水性。硬韌性 Chlorinated polypropylene compatible. Substrate &amp; Layer adhesion. Water resistance. Toughness</p>	<p>PP塗裝 Coating for PP</p>
<p>顏料分散性。光澤 Pigment dispersibility. Gloss</p>	<p>ABS色漆 Color paint for ABS</p>
<p>速乾。耐酒精。作業性。銀粉排列 Fast drying. Alcohol resistance. Workability. Al-orientation</p>	<p>ABS、PS、PC之塗裝 Coating for ABS, PS and PC</p>
<p>耐可塑劑移行。柔韌性。速乾 Plasticizer migration resistance. Flexibility. Fast drying</p>	<p>PVC塗裝。色餅 PVC coating. Color-cake.</p>
<p>速乾。硬度。光澤。耐候性。耐汽油性 Fast drying. Hardness. Gloss. Water &amp; gasoline resistance</p>	<p>ABS、PS、PC塗裝。汽車修補漆 Coating for ABS, PS and PC. Car refinishes</p>
<p>氯化PP相容。底材及層間密著。耐水性。顏料分散性。硬韌性 Chlorinated polypropylene compatible. Substrate &amp; Layer adhesion. Water resistance. Pigment dispersibility. Toughness</p>	<p>PP塗裝 Coating for PP</p>

## 5 金屬烤漆用熱固性丙烯酸樹脂

### Thermosetting Acrylic Resin for Metallic Baking Paint

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent	BCS	BuOH	IBA	NBA	PMA	XYL	Other Solvent
AT-101	75	≦80	Z4~Z7	≦11	XYL PMP						v	PMP
AT-103	51	≦50	Y~Z2	≦10	TOL MIBK		v					MIBK
AT-105	74	≦80	Z4~Z7	≦10	XYL PMP						v	PMP
AT-20	69	≦50	Z1~Z4	≦8	XYL PMA NBA				v	v	v	
AT-225	56	≦50	Q~U	≦15	XYL S-100 NBA				v		v	S-100
AT-239	60	≦200	Z1~Z4	33±3	BCS PMA IBA	v		v		v		
AT-46	51	≦50	T~W	≦8	XYL BuOH		v				v	
AT-46A	51	≦50	U~X	≦6	XYL BuOH		v				v	
AT-46HN	50	≦50	V~Y	≦6	XYL BuOH		v				v	
AT-47	60	≦50	Z1~Z4	≦7	XYL BuOH		v				v	
AT-470	70	≦80	X~Z1	≦7	XYL BCS NBA	v			v		v	
AT-510H	60	≦50	Z~Z3	≦8	TOL IBA			v				TOL
AT-534	57	≦50	Y~Z2	5±2	S-150 NBA				v			S-150
AT-560N	51	≦100	V~Y	≦10	BuOH XYL		v				v	
AT-580	60	≦50	W~Z	≦7	XYL BuOH		v				v	
AT-581	60	≦50	Y~Z2	≦6	XYL BuOH		v				v	
AT-65-1	66	≦50	Z~Z3	≦8	XYL PMA BuOH		v			v	v	
AT-720	54	≦50	Y~Z2	65±5	BCS IPA	v						IPA
AT-735E	70	≦80	X~Z1	≦7	XYL BuOH BCS	v	v				v	
AT-767	60	≦80	Z4~Z7	70±5	XYL BuOH BCS PMA	v	v			v	v	

特性 Characteristics	主要用途 Applications
高光澤。高豐滿度。重塗性。耐鹽霧性。柔韌性 High gloss. Fullness. Recoatability. Salt spray resistance. Flexibility	泛用高級烤漆金油。自行車、鋁合金輪圈、白鐵之烤漆 High class baking varnish for general purpose. Baking finish for bike, alloy wheel rim and stainless steel
速乾。銀粉排列。2C1B Fast drying. Al-orientation. 2C1B	新車用銀粉底漆 Metallic basecoat for new cars
耐黃變。高豐滿度。外觀。光澤。硬度。耐蝕性 Yellowing resistance. High fullness. Appearance. Gloss. Hardness. Corrosion resistance	汽車、自行車、輪圈等工業用高級烤漆 High class baking for car, bike, wheels rim and industrial use
豐滿度。外觀。高光澤 Fullness. Appearance. High gloss	腳踏車、輪圈、一般工業用烤漆 Baking enamel for bicycle, wheel rim and general industrial
外觀。耐候性。耐化性 Appearance. Weather resistance. Chemical resistance	新車用色漆及金油 Color paint and varnish for new cars
耐化學性。耐沸水。與環氧樹脂相容性好 Good chemical and boiling water resistance. Good compatibility with epoxy resin	皮革製品之金屬電鍍製品用金油 Varnish for electroplating metal products of leather.
物性。二次物性 Physical properties. 2nd physical properties.	標準泛用型 Standard for general purpose
二次物性。耐沸水性。顏料分散性 2nd physical properties. Boiling water resistance. Pigment dispersibility	家電用、一般工業用烤漆 Baking enamel for domestic appliance and general industrial
一次物性，二次物性極佳。耐化學性，耐蝕性極佳。 對金屬、電鍍製品密著性極佳。光澤保持率亦佳。 Excellent 1st and 2nd physical properties. Excellent chemical and corrosion resistance. Good adhesion to metal and electroplate metal. Good in gloss retention.	家電製品、工業製品等塗裝用色漆。 Color coat for domestic appliance and industrial coating
二次物性。耐沸水性。顏料分散性 2nd physical properties. Boiling water resistance. Pigment dispersibility	家電用、一般工業用烤漆 Baking enamel for domestic appliance and general industrial
高光澤。肉厚感。密著性。硬度 High gloss. Plumpness. Adhesion. Hardness	輪圈、自行車、泛用高級金油 High class varnish for wheel rim, bike and general purpose
高硬度。密著。低溫硬化。耐化性。耐蝕性 High hardness. Adhesion. Low temperature curing. Chemical & Corrosion resistance	電鍍金油。一般工業用硬度調整劑 Varnish for electroplating products. Hardness adjusting agent for general industrial
低臭味。耐高溫殺菌性。加工性。光澤 Low odor. High-temperature sterilization resistance. Processability. Gloss	罐外用烤漆 Baking finish for can coating(outside)
油墨轉印性佳。自硬化型。速乾。物性。二次物性佳。相容性佳 Good ink printing transferability. Self-curing type. Fast drying. Physical properties. Good 2nd physical properties. Compatibility	金屬玩具、工業用烤漆 Baking enamel for metal toys and industrial appliance
作業性。重塗性 Workability. Recoatability	腳踏車、輪圈、一般工業用烤漆 Baking enamel for bicycle, wheel rim and general industrial
耐沸水性。密著性。耐酒精性。染料分散性佳 Resistant to boiling water. Adhesion. Alcohol resistance. Dye dispersibility	玻璃烤漆用。泛用 Glass coating. General purpose
耐鹽水噴霧性。耐化性。高光澤。肉厚感。平坦性 Salt spray resistance. Chemical resistance. High gloss. Plumpness. Leveling	泛用工業用金油 Varnish for general industrial
水油兩性。高硬度。密著。低溫硬化 For solvent & water based. High hardness. Adhesion. Low temperature curing	金屬電鍍製品等用金油(水油兩用) Varnish for electroplating metal products (solvent & water based)
外觀。高光澤。豐滿度。重塗性。柔韌性 Appearance. High gloss. Fullness. Recoatability. Flexibility	腳踏車、泛用工業用烤漆 Baking enamel for bicycle and general industrial
高硬度。耐蝕性。密著性 High hardness. Corrosion resistance. Adhesion	金屬電鍍製品用金油 Varnish for electroplating metal products



## 5 金屬烤漆用熱固性丙烯酸樹脂 Thermosetting Acrylic Resin for Metallic Baking Paint

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	酸價 Acid Value (supplied)	溶劑 Solvent	BCS	BuOH	IBA	NBA	PMA	XYL	Other Solvent
AT-779	60	≤50	Z2~Z5	75±5	TOL IBA			v				TOL
AT-788	64	≤50	Z1~Z4	75±5	XYL BuOH S-100		v				v	S-100
AT-789	60	≤30	Z2-Z5	80±5	TOL IBA BCS	v		v				TOL
AT-789AN	60	≤50	Z3~Z6	≤80	XYL IBA S-100			v			v	S-100
AT-799	56	≤80	Z~Z3	65±5	TOL IBA			v				TOL
AT-833	62	≤80	Z3~Z6	≤80	XYL BCS PMA BuOH	v	v			v	v	
AT-888	63	≤80	Z3~Z5	67±5	BCS PMA NBA	v			v	v		
AT-899	64	≤80	Z4~Z6	≤80	XYL BCS PMA BuOH	v	v			v	v	

## 6 貼合用丙烯酸樹脂 Acrylic Resin for Lamination

品號 Product No.	品名 Product Name	外觀 Appearance	主成份 Component	硬化或乾燥時間 Curing or Drying Time
BD-1H	防水糊 (三合一機型) Waterproof paste	微透明糊狀膠體 Slightly transparent colloid paste	丙烯酸酯 共聚物 Acrylic copolymer	160~200℃ × 1-2mins
BD-1J	防水糊 (三合一機型) Waterproof paste	微透明糊狀膠體 Slightly transparent colloid paste	丙烯酸酯 共聚物 Acrylic copolymer	160~200℃ × 1-2mins
BD-700-1	強力接著劑 Strong adhesive	微透明糊狀膠體 Slightly transparent colloid paste	丙烯酸酯 共聚物 Acrylic copolymer	Room temp. × 5-7hrs

特性 Characteristics	主要用途 Applications
泛用型 General purpose type	金屬電鍍製品用金油 Varnish for electroplating metal products
高光澤。豐滿度。耐鹽水噴霧性 High gloss. Fullness. Salt spray resistance	金屬電鍍製品用金油 Varnish for electroplating metal products
泛用型 General purpose type	金屬電鍍製品用金油 Varnish for electroplating metal products
經濟型 Economic type	金屬電鍍製品用金油 Varnish for electroplating metal products
耐酸性。耐汗液。外觀 Acid resistance. Sweat resistance. Appearance	金屬電鍍製品用金油 Varnish for electroplating metal products
低溫架橋。高硬度。耐鹽水噴霧性優 Low temperature cross-linking. High hardness. Excellent salt spray resistance	金屬電鍍製品用金油 Varnish for electroplating metal products
耐鹽水噴霧性。高光澤。豐滿度。密著性 Salt spray resistance. High gloss. Fullness. Adhesion	金屬電鍍製品等用金油(水油兩用) Varnish for electroplating metal products (solvent & water based)
耐鹽霧性。高光澤。高豐滿度。高硬度。耐酸性佳 Salt spray resistance. High gloss. Fullness. Hardness. Acid resistance	金屬電鍍製品用金油 Varnish for electroplating metal products

黏度 Viscosity (25 °C, Brookfield LVT)	特性 Characteristics	主要用途 Applications
40000~45000cps No4, 12rpm	柔軟。浸透性。防止表面松紋 Softness. Penetrability. Prevention of surface loosening	棉布、尼龍、特利可得對泡棉、不織布等材質之貼合 For lamination of cotton, nylon, tricot to PU foam, non-woven fabrics, etc.
27000~33000cps No4, 12rpm	柔軟。浸透性。防止表面松紋 Softness. Penetrability. Prevention of surface loosening	棉布、尼龍、特利可得對泡棉、不織布等材質之貼合 For lamination of cotton, nylon, tricot to PU foam, non-woven fabrics, etc.
10000~20000cps No4, 12rpm	初期接著力強。乾燥速度快。耐水性好 Strong bonding strength in initial stage. Fast drying. Good water resistance	PVC板與水泥或木材之接著 For adhesive of PVC to cement or wood

## 7 兩液型PU塗料用羥基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value (supplied)	溶劑 Solvent	BAC	PMA	TOL	XYL	Other Solvent
Ti-211	56	≤80	X~Z1	24~26	1.3~1.4	≤10	XYL PMA		v		v	
Ti-217	56	≤100	Y~Z2	18~20	1.0~1.1	≤3	XYL PMA		v		v	
Ti-222	56	≤100	Y~Z2	25~27	1.4~1.5	≤3	XYL PMA		v		v	
UR-1184N	51	≤50	Z3~Z6	31~35	1.8~2.1	≤5	BAC	v				
UR-1204N	60	≤50	Y~Z2	56~60	2.8~3.0	≤10	XYL BAC	v			v	
UR-147	63	≤80	Z1~Z4	48~53	2.3~2.5	≤7	XYL				v	
UR-168N	60	≤80	Z1~Z4	48~53	2.4~2.7	≤7	XYL				v	
UR-168N-3	60	≤80	Z1~Z4	48~53	2.4~2.7	≤7	XYL				v	
UR-175	59	≤50	Z4~Z7	48~53	2.5~2.7	≤5	XYL BAC	v			v	
UR-176L	60	≤80	Z~Z3	50~55	2.5~2.8	≤10	BAC PMA XYL	v	v		v	
UR-176N	60	≤50	Z2~Z5	46~50	2.3~2.5	≤8	XYL PMA		v		v	
UR-177	51	≤50	N~R	43~47	2.6~2.8	≤3	nBAC					nBAC
UR-1907	60	≤50	Z~Z3	28~32	1.4~1.6	≤4	TOL PMA		v	v		
UR-1907A	60	≤80	Z3~Z6	34~38	1.7~1.9	≤3	TOL XYL BAC	v		v	v	
UR-1907D	60	≤80	Z3~Z6	34~38	1.7~1.9	≤3	TOL XYL BAC	v		v	v	
UR-2070	70	≤80	Z2~Z5	48~54	2.1~2.3	10~14	XYL PMA		v		v	

特性 Characteristics	主要用途 Applications
高濃度色膏之分散。特殊單體改性。相容性廣 Dispersibility of high concentration color-paste. Modified with special monomer. Widely compatibility	清漆或色漆之調色。有機及無機顏料之分散。 Color adjustment for clearcoat and color paint. Dispersion of organic and inorganic pigment
高濃度色膏之分散。特殊單體改性。相容性廣 Dispersibility of high concentration color-paste. Modified with special monomer. Widely compatibility	清漆或色漆之調色。有機及無機顏料之分散。 Color adjustment for clearcoat and color paint. Dispersion of organic and inorganic pigment
高濃度色膏之分散。特殊單體改性。相容性廣 Dispersibility of high concentration color-paste. Modified with special monomer. Widely compatibility	清漆或色漆之調色。有機及無機顏料之分散。 Color adjustment for clearcoat and color paint. Dispersion of organic and inorganic pigment
超速乾。高硬度。Desmodur IL 相容。抗回黏。耐化性 Very fast drying. High hardness. Desmodur IL compatible. Anti-blocking. Chemical resistance	木器、塑膠、金屬等泛用塗料。UV底漆。IMR背膠 General purpose coating for wood, plastics & metal. UV basecoat. IMR adhesive
速硬化。高光澤。戶外持久性 Fast curing. High gloss. Outdoor durability	汽車修補色漆及清漆。泛用工業面漆(2K) Clearcoat and color paint for car refinishes. Topcoat for general industrial(2K)
光澤。硬度。速乾 Gloss. Hardness. Fast drying	泛用經濟型面漆或底色漆 Economically topcoat or basecoat for general purpose
速乾。耐化性。耐候性 Fast drying. chemical resistance. Weather resistance	電木、木器(平光)、無機材質、金屬等面漆 Topcoat for bakelite, wood(matt), inorganic material and metal
速乾。耐化性。顏料分散性 Fast drying. chemical resistance. Pigment dispersibility	電木、木器(平光)、無機材質、金屬等面漆 Topcoat for bakelite, wood(matt), inorganic material and metal
速乾。硬度。相容性。耐候性 Fast drying. Hardness. Compatibility. Weather resistance	木器、無機材質、金屬等清漆 Varnish for wood, inorganic material and metal
耐黃變。耐化性。顏料分散性。相容性 Yellowing resistance. Chemical resistance. Pigment dispersibility. Compatibility	鋼構、儲槽、汽車修補等面漆 Top coat for steel construction, tank and car refinishes
耐候性。速乾。相容性。顏料分散性 Weather resistance. Fast drying. Compatibility. Pigment dispersibility	木器、無機材質、金屬之清漆 Varnish for wood, inorganic material and metal
顏料分散性。耐黃變。相容性。速乾 Pigment dispersibility. Yellowing resistance. Compatibility. Fast drying	金屬防蝕、建材、塑膠、皮革之面漆 Topcoat for anti-corrosion of metal, building material, plastics and leather
對各種金屬底材及工程塑膠密著優良。速乾。耐候性。 Excellent adhesion to any metal substrate and engineering plastics. Fast drying. Weather resistance.	各種金屬底材及工程塑膠之一次塗裝及修補底面漆 One time coating and basecoat & topcoat of repair finish for any metal substrates and engineering plastics
對各種金屬底材及工程塑膠密著優良。速乾。相容性。 Excellent adhesion to metal substrate and engineering plastics. Fast drying. Compatibility.	各種金屬底材及工程塑膠之一次塗裝及修補底面漆 One time coating and basecoat & topcoat of repair finish for any metal substrates and engineering plastics
密著。速乾。相容性 Adhesion. Fast drying. Compatibility	金屬底材及工程塑膠之面漆。汽車修補色漆及面漆 Topcoat for metal substrate and engineering plastics. Basecoat and topcoat for car repair
耐候性。豐滿度。外觀。光澤度。低經高固含低黏度型 Weather resistance. Fullness. Appearance. Gloss. Low OH with high NV and low viscosity type.	汽車修補 Car repair

## 7 兩液型PU塗料用羥基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value (supplied)	溶劑 Solvent	BAC	PMA	TOL	XYL	Other Solvent
UR-2103A	65	≤80	Z2~Z5	53~57	2.5~2.7	≤10	XYL TOL PMA		v	v	v	
UR-2107	68	≤80	Z3~Z6	74~79	3.3~3.5	≤5	BAC PMA	v	v			
UR-2107A	68	≤80	Z3~Z6	74~79	3.3~3.5	≤3	XYL BAC	v			v	
UR-2455	55	≤80	W~Z	41~45	2.3~2.5	≤10	TOL BAC	v		v		
UR-312	60	≤80	W~Z	31~35	1.6~1.8	≤5	XYL BAC PMA	v	v		v	
UR-365N	65	≤80	Z1~Z4	82~88	3.8~4.1	≤10	PMA XYL		v		v	
UR-400	60	≤30	U~X	61~65	3.1~3.3	7±1	TOL BAC	v		v		
UR-433	60	≤50	X~Z1	87~92	4.4~4.6	≤10	XYL BAC	v			v	
UR-433N	62	≤80	Z3~Z5	96~100	4.7~4.9	4~7	BAC PMA XYL	v	v		v	
UR-437	60	≤50	Y~Z1	82~85	4.1~4.3	≤6	BAC	v				
UR-501	51	≤50	Z2~Z5	16~20	1.0~1.2	≤8	XYL TOL BAC	v		v	v	
UR-505	51	≤50	R~U	28~33	1.7~2.0	≤4	TOL BAC	v		v		
UR-5050	50	≤50	B~G	85~95	5.2~5.8	4±1	TOL BAC	v		v		
UR-506D	61	≤80	Z2~Z4	34~38	1.7~1.9	≤8	nBAC XYL				v	nBAC
UR-508	61	≤80	Z2~Z4	43~48	2.1~2.4	≤9	XYL PMA		v		v	
UR-509	70	≤80	X~Z2	27~33	1.2~1.4	≤9	PMA XYL		v		v	
UR-512	60	≤80	Z5~Z7	67~71	3.4~3.6	≤8	XYL PMA		v		v	
UR-515	70	≤80	Z2~Z5	74~79	3.2~3.4	≤8	XYL PMA		v		v	



特性 Characteristics	主要用途 Applications
密著。快乾。高光澤 Adhesion. Fast drying. High gloss	金屬底材及工程塑膠面漆(一次塗裝) Topcoat for metal substrate and engineering plastics (one time coating)
平坦性。密著性。相容性。耐候性。豐滿度 Leveling. Adhesion. Compatibility. Weather resistance. Fullness	塑料用色漆及清漆(機車)、泛用 Clear coat and color paint for plastic (motorcycle). General purpose.
豐滿度、鮮映性優異。耐汽油性、耐溶劑性、耐化性佳。 Excellent fullness and DOI. Gasoline & Solvent & Chemical resistance	汽車修補、塑膠、金屬、木材等泛用型高級二液型 PU面漆。 High class 2K PU top clear caot for car refinishes, plastics, metal and woods.
密著性。速乾性。速硬化性。抗回黏性。 Adhesion. Fast drying. Fast curing. Anti-blicking	金屬、塑膠之塗裝。 Coating for metal and plastics.
耐水性。密著。耐黃變。平坦性 Water and yellowing resistance. Adhesion. Leveling	彩繪光油。外部無機材質、ABS、PP、PC之塗裝 Varnish for paint. Coating for exterior inorganic material, ABS, PP & PC
豐滿度。耐候性。光澤。硬韌性。耐汽油性。相容性 Fullness. Weather resistance. Gloss. Toughness Gasoline resistance. Compatibility	汽車修補、塑膠用面漆 Top coat for car refinishes and plastics
耐候性。外觀。豐滿度。光澤。韌性。 Weather resistance. Apperance. Fullness. Gloss, Toughness	PP或其他軟性材質之面漆。泛用面漆。 Top coat for PP or other soft substrates. Top coat for general using.
耐化性。耐候性。耐溶劑。耐沸水性 Chemical & weather & Solvent & Boiling Water resistance	汽車修補、機械、船舶、一般工業用面漆 Topcoat for car refinishes, machine, boat and general industrial
耐溶劑。耐化性。光澤。耐候性 Solvent resistance. Chemical resistance. Gloss. Weather resistance	金屬之外部塗裝 Coating for outside of metal
速架橋。耐溶劑性。耐沸水性。耐化性 Fast cross-linking. Solvent resitance. Boiling water resistance Chemical resistance.	汽車修補漆實色漆及清漆。一般工業用塗裝 Basecoat and Clearcoat for car refinish. General industrial
速乾。高硬度。耐候性。CAB相容性 Fast drying. High hardness. Weather resistance. Compatible with CAB	木器、金屬、塑膠、汽車修補等泛用塗料 General purpose coating for wood, metal, plastics, car refinishes
ABS密著。重工性佳。銀粉排列 ABS adhesion. Reworkable. Al-orientation	ABS銀粉漆 Metallic paint for ABS
耐黃變性。相容性。高光澤。高豐滿度。 Yellowing resistance. Compatibility. High gloss. High fullness	塑膠塗裝金油。 Varnish for plastic coating.
密著性。速乾。重塗性。可濕噴濕 Adhesion. Fast drying. Recoatability. Can be spray on wet	工程塑膠及金屬之底漆及色漆 Base coat and color coat for enginnering plastics and metal
光澤。硬度。密著。速乾。耐候性 Gloss. Hardness. Adhesion. Fast drying. Weather resistance	
低羥。高厚膜。高光澤。硬韌性。速乾 Low OH. High thickness. High gloss. Toughness. Fast drying	塑膠、金屬面漆 Top coat for plastics and metal
高硬度。速硬化。相容性。耐拋光 High hardness. Fast curing. Compatibility. Polishing resistance	木工塗裝及烤漆增硬劑 Wood coating and hardener for baking enamel
高豐滿度。耐候性。相容性 High fullness. Weather resistance. Compatibility	汽車修補、金屬、塑膠等色漆及清漆 Clearcoat and color paint for car refinishes, metal and plastics

## 7 兩液型PU塗料用羥基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value (supplied)	溶劑 Solvent	BAC	PMA	TOL	XYL	Other Solvent
UR-517	70	≤80	Z4~Z6	68~73	2.9~3.2	≤12	XYL PMA		v		v	
UR-517N	70	≤80	Z3~Z6	68~73	2.9~3.2	≤13	XYL PMA		v		v	
UR-518A	70	≤80	Z2~Z4	67~72	2.9~3.1	≤10	TOL XYL BAC	v		v	v	
UR-518C	70	≤80	Z3~Z6	61~65	2.6~2.8	≤7	XYL TOL BAC	v		v	v	
UR-518L	70	≤80	Z~Z3	68~73	2.9~3.2	≤12	XYL BAC	v			v	
UR-519B	70	≤80	Z3~Z6	93~97	4.0~4.2	≤10	BAC PMA	v				
UR-519L	70	≤80	Z3~Z6	93~97	4.0~4.2	≤10	BAC	v				
UR-522	60	≤80	X~Z1	50~55	2.5~2.8	≤10	XYL BAC PMA	v	v		v	
UR-526	61	≤80	Y~Z2	45~50	2.3~2.5	≤8	XYL BAC PMA	v	v		v	
UR-535	70	≤80	Z2~Z4	53~58	2.3~2.5	≤8	XYL BAC PMA	v	v		v	
UR-538	51	≤50	T~W	38~42	2.3~2.5	≤8	XYL BAC PMA	v	v		v	
UR-577	65	≤80	X~Z1	28~32	1.3~1.5	≤12	BAC PMA	v	v			
UR-588	70	≤80	Z2~Z5	75~80	3.2~3.5	≤11	XYL PMA		v		v	
UR-703	63	≤80	Z2~Z5	43~46	2.1~2.2	3~6	XYL				v	
UR-707	70	≤50	Z3~Z6	90~95	3.9~4.1	6~10	BAC S-100	v				S-100
UR-708	70	≤80	Z2~Z4	85~95	3.7~4.1	≤11	XYL PMA		v		v	

<p>特性 Characteristics</p>	<p>主要用途 Applications</p>
<p>豐滿度。耐候性。抗垂流 Fullness. Weather resistance. Sagging resistance.</p>	<p>汽車修補、安全帽、軟質PVC、ABS、碳纖、水標面漆 Topcoat for car refinishes, helmet, soft PVC, ABS, carbon fiber and waterproof sticker</p>
<p>合成脂肪酸樹脂及Desmodur IL 硬化劑相容性。豐滿度。顏料分散性 Synthetic fatty acid resin and Desmodur IL hardener compatibility. Fullness. Pigment dispersibility</p>	<p>木工、傢俱面漆 Topcoat for woodwork and furniture</p>
<p>高光澤及光澤保持性。戶外持久性。快乾。良好之平坦性及密著性。高硬度 High gloss and gloss retention. Outdoor durability. Fast drying. Good leveling and adhesion. High hardness</p>	<p>塑膠、金屬及汽車修補 Plastics, metal and car refinishes</p>
<p>速硬化。豐滿度。高光澤 Fast curing. Fullness. High gloss</p>	<p>汽車修補及泛用色漆 Color paint for car refinishes and general purpose</p>
<p>外觀。豐滿度。高光澤 Appearance. Fullness. High gloss</p>	<p>汽車修補及泛用色漆 Color paint for car refinishes and general purpose</p>
<p>外觀。豐滿度。耐候性 Appearance. Fullness. Weather resistance.</p>	<p>汽車修補、機械、塑膠、木器等泛用面漆 Topcoat for car refinishing, machine, plastics and wood</p>
<p>外觀。豐滿度。戶外持久性 Appearance. Fullness. Outdoor durability</p>	<p>汽車修補、機械、塑膠、木器等泛用面漆 Topcoat for car refinishing, machine, plastics and wood</p>
<p>速硬化。耐候性。耐汽油 Fast curing. Weather resistance. Gasoline resistance</p>	<p>汽車修補用色漆及清漆 Clearcoat and color paint for car refinishes</p>
<p>速硬化。耐候性。耐汽油 Fast curing. Weather resistance. Gasoline resistance</p>	<p>汽車修補用色漆及清漆 Clearcoat and color paint for car refinishes</p>
<p>快乾。硬韌性。密著性。光澤及光澤保持性 Fast drying. Hard and tough. Adhesion. Gloss and gloss retention</p>	<p>塑膠、金屬及汽車修補漆 Plastic, metal and car refinishing</p>
<p>耐候性。硬韌性。耐化性。可使用時間長 Weather resistance. Toughness. Chemical resistance. Long pot life</p>	<p>建材防水及泛用型 Waterproof building material and general purpose</p>
<p>密著優良。速乾。光澤 Excellent adhesion. Fast drying. Gloss</p>	<p>金屬底材及工程塑膠之一次塗裝 One coat for metal and engineering plastics</p>
<p>耐黃變性。光澤。豐滿度。流平性。速乾 Resistance to yellowing. Gloss. Fullness. Leveling. Fast drying</p>	<p>汽車修補金油 Clear coat for car refinishing</p>
<p>速乾。硬度。光澤與其保持性 Fast drying. Hardness. Gloss and maintainability</p>	<p>汽車修補底色漆 Basecoat for car refinishing</p>
<p>光澤。外觀。豐滿度 Gloss. Appearance. Fullness</p>	<p>汽車修補實色與罩光漆 Basecoat and clearcoat for car refinishes</p>
<p>耐黃變性。光澤。外觀。豐滿度 Resistance to yellowing. Gloss. Appearance. Fullness</p>	<p>汽車修補金油 Clear coat for car refinishing</p>

## 7 兩液型PU塗料用羥基丙烯酸樹脂 Acrylic Polyol Resin for 2K PU

品號 Product No.	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value (supplied)	溶劑 Solvent	BAC	PMA	TOL	XYL	Other Solvent
UR-722-60	60	≤50	Z2 ~ Z4	61~65	3.1~3.3	≤3	XYL BAC	v			v	
UR-722-70	70	≤50	Z3~Z6	63~67	2.7~2.9	≤10	BAC XYL PMA	v	v		v	
UR-728	51	≤50	W~Z	28~33	1.7~2.0	≤8	TOL BAC XYL	v		v	v	
UR-731	70	≤50	Z3~Z6	67~72	2.9~3.1	≤10	XYL BAC		v		v	
UR-862	60	≤50	Z2~Z5	30~36	1.5~1.8	≤8	XYL				v	
UR-867	70	≤80	Z2~Z5	57~67	2.5~2.9	≤8	nBAC					nBAC
UR-870XP	70	≤80	Z2~Z5	90~95	3.9~4.1	≤10	XYL PMA		v		v	
UR-9080	53.5±1.5	≤50	Z~Z3	28~32	1.6~1.8	≤2	TOL BAC MIBK	v		v		MIBK

### 計算與100g羥基丙烯酸樹脂(主劑)反應的異氰酸酯(硬化劑)需求量

Determine the amount of Isocyanates(Curing Agent/Hardner) required to react with 100g of Acrylic Polyol Resin(Base)

### Molecular weight分子量(g/mol)

KOH=56.1t	NCO=42	OH=17
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### 條件設定 Requirements

	重量 Weight	固成份 NV	羥值OH Value		羥基含量OH Content	
			OH Value on varnish	OH Value on solids	%OH on varnish	%OH on solids
單位Unit	g	%	mg KOH/g	mg KOH/g	%	%
代號Code	base_w	NV_base	OH Value_v	OH Value_s	%OH_v	%OH_s
UR-433	100	60%	89.5	149.2	2.71%	4.52%
			=(87+92)/2	=89.5/60%	=89.5/3300	=2.71%/60%
代號Code	hardner_w	NV_hardner			%NCO	
硬化劑Hardne	x	90%			19.80%	

$$\text{hardner}_w = 7/9350 \times 100 \times 89.5/19.8\% = 33.8(\text{g})$$

特性 Characteristics	主要用途 Applications
快乾。耐化性。抗髒汙。附著性。高光澤。硬度 Fast drying. Chemical & Stain resistance. Adhesion. High gloss. Hardness	木器塗裝 Wood coating
快乾。耐化性。抗髒汙。附著性。高光澤。硬度 Fast drying. Chemical & Stain resistance. Adhesion. High gloss. Hardness	木器塗裝 Wood coating
速乾。金屬底材密著性佳。銀粉排列佳。CAB相容性 Fast drying. Good adhesion with metal. Excellent Aluminum Orientation and compatible with CAB	金屬、工程塑膠之底漆。汽車修補色漆 Primer for metal and plastics. Basecoat for auto refinishes
豐滿度。速乾。硬度。外觀 Fullness. Fast drying. Hardness. Appearance	木工漆。汽車修補實色漆 Wood paint. Car refinishing paint
速乾。高光澤。速硬化 Fast drying. High gloss. Fast curing	速乾工業用底漆及面漆 Fast Drying industrial coating for basecoat and top coat
高光澤。肉厚感。密著性。耐化性。物性 High gloss. Plumpness. Adhesion. Chemical Resistance. Physical properties	汽車修補及泛用色漆 Car refinishes and general purpose color paint
外觀。豐滿度。耐候性。耐化性 Appearance. Fullness. Weather resistance. Chemical resistance	汽車修補、機械、塑膠、木器等泛用面漆 Topcoat for car refinishing, machine, plastics and wood
速乾。銀粉排列性。底材及層間密著。CAB相容性 Fast drying. Al-orientation. Substrate & layer adhesion. CAB compatibility	金屬、工程塑膠之底漆(2KPU) Primer for metal and plastics.(2KPU)

### 公式 Formula

$$1. OH \text{ Value}_s = OH \text{ value}_v / NV\_base$$

$$2. OH \text{ Value}_v = OH \text{ Value}_s \times NV\_base$$

$$3. \%OH_s = \%OH_v / NV\_base$$

$$4. \%OH_v = \%OH_s \times NV\_base$$

$$5. \%OH_s = OH \text{ Value}_s / 56.1 / 1000 \times 17 = OH \text{ Value}_s / 3300 = [OH \text{ Value}_s / 33]\%$$

$$6. \%OH_v = OH \text{ Value}_v / 56.1 / 1000 \times 17 = OH \text{ Value}_v / 3300 = [OH \text{ Value}_v / 33]\%$$

$$[\text{hardner}_w \times \%NCO / 42] / [\text{base}_w \times \%OH_v / 17] = \text{Equivalent ratio}$$

$$\text{If Equivalent ration} = 1$$

$$\text{hardner}_w = \text{base}_w \times \%OH_v / \%NCO \times 42 / 17 = \text{base}_w \times OH \text{ Value}_v / 3300 / \%NCO \times 42 / 17$$

$$= 7 / 9350 \times \text{base}_w \times OH \text{ Value}_v / \%NCO$$

$$= 7.5 \times 10^{-4} \times \text{base}_w \times OH \text{ Value}_v / \%NCO$$



## 8 熱轉膜、燙金用丙烯酸樹脂 Acrylic Resin for Hot Stamping

品號 Product No.	品名 Product Name	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	溶劑 Solvent	BAC	BuOH	MeOH	PMA	TOL	XYL
AC-212	著色清漆丙烯酸樹脂 Acrylic Resin for Coloring Varnish	60	≤50	Z4~Z7	XYL PMA				v		v
AC-226	著色清漆丙烯酸樹脂 Acrylic Resin for Coloring Varnish	55	≤50	Z1~Z4	TOL BuOH		v			v	
AC-268	著色清漆丙烯酸樹脂 Acrylic Resin for Coloring Varnish	60	≤80	Z~Z3	XYL BAC	v					v
RC-537	著色清漆胺基樹脂 Amino Resin for Coloring Varnish	65	≤20	Z3~Z6	BuOH		v				
RC-545	著色清漆胺基樹脂 Amino Resin for Coloring Varnish	65	≤20	X~Z1	BuOH		v				
AS-131	丙烯酸糊劑(背膠) Acrylic Sizings(Adhesive)	51±1	≤30	T~W	TOL BuOH		v			v	
AS-163	丙烯酸糊劑(背膠) Acrylic Sizings(Adhesive)	55	≤50	X~Z1	XYL BAC	v					v
MC-532	美耐命硬化劑 Melamine Curing Agents	65	≤20	H~L	BuOH		v				
SS-118	合成糊劑 Synthetic Sizings	42±1	微褐色 Slightly brown	T~W	TOL					v	
A-810H	酒精糊劑 Alcohol Glue	54	≤50	23000±2000cps No.4, 12rpm	MeOH			v			

特性 Characteristics	主要用途 Applications
耐溶劑。耐熱性。燙印切邊良好 Solvent & Heat resistance. Hot stamping foil with nice cutting edge	著色清漆用丙烯酸多元醇樹脂 Acrylic polyol resin for coloring varnish
低溫速硬化。高硬度。高耐熱性。燙印切邊良好 Low temperature fast curing. High hardness. Excellent heat resistance. Hot stamping foil with nice cutting edges	著色清漆用熱硬化樹脂 Thermosetting resin for coloring varnish
常溫硬化。高耐熱性。硬度。燙印切邊良好 Room-temperature curing. Excellent heat resistance. Hardness. Hot stamping foil with nice cutting edges	著色清漆用丙烯酸多元醇樹脂 Acrylic polyol resin for coloring varnish
常乾適性。硬度。耐熱性。燙印切邊良好 Air-drying. Hardness. Heat resistance. Hot stamping foil with nice cutting edge	著色清漆用 Coloring varnish
常乾適性。硬度。耐熱性。燙印切邊良好 Air-drying. Hardness. Heat resistance. Hot stamping foil with nice cutting edge	著色清漆用 Coloring varnish
硬度適中。燙印切邊良好。速乾。附著性 Suitable hardness. Hot stamping foil with nice cutting edges. Fast drying. Adhesion	熱燙印紙或塑膠背膠 Hot stamping adhesive for paper and plastics
對塑膠、鍍鋁層密著好。速乾。與氯醋樹脂相容性好 Good adhesion to plastics & aluminum-coated layer. Fast drying. Good compatibility with vinyl chloride/vinyl acetate resin.	熱燙印紙或塑膠背膠 Hot stamping adhesive for paper and plastics
速硬化。硬度。物性 Fast curing. Hardness. Physical properties	著色清漆用硬化劑 Curing agent for coloring varnish
密著。速乾 Adhesion. Fast drying	熱燙印OPP背膠 Hot stamping adhesive for OPP
速乾。銀粉白度佳。附著性佳 Fast drying, Whitening of Aluminum, Adhesion	金紙轉移膜。小學生勞作接著劑 Transfer film for Gods paper. Adhesives for student handy work

## 9 油性丙烯酸感壓膠 Solvent-based Acrylic Pressure-sensitive Adhesive

品號 Product No.	品名 Product Name	Pure / Modify	固成份 NV[%]	黏度 Viscosity (cps)	T Ball No.	A Kg-in	C hr/in <sup>2</sup>
PSA-E38	電子膠帶 Electro conductive tape	M	50±1	4000±1500	13 ↑	1.3 ↑	48 ↑
PSA-E39	電子膠帶 Electro conductive tape	M	45±1	4000±1500	12 ↑	1.8 ↑	24 ↑
PSA-M7	醫療用膠帶 Medical operation tape	P	45±1	1500~4000	10 ↑	1.1 ↑	24 ↑
PSA-M7-1	醫療用膠帶 Medical operation tape	P	45±1	8500~10500	20 ↑	0.8 ↑	24 ↑
PSA-M8	醫療用膠帶 Medical operation tape	M	50±1	1500~4000	10 ↑	1.6 ↑	24 ↑
PSA-N7	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	P	40±1	3000±1500	14 ↑	1.1 ↑	50 ↑
PSA-N9	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	M	50±1	4000±1500	12 ↑	1.3 ↑	24 ↑
PSA-N9-5	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	M	50±1	4000±1500	8 ↑	1.8 ↑	24 ↑
PSA-NT9	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	M	50±1	4000±1500	18 ↑	1.4 ↑	24 ↑
PSA-P52H	廣告噴繪 Commercial Large sign board adhesive	M	50±1	4000±1500	18 ↑	1.1 ↑	50 ↑
PSA-P61	廣告噴繪 Commercial Large sign board adhesive	P	40±1	3000±1500	18 ↑	1.1 ↑	100 ↑
PSA-P62	廣告噴繪 Commercial Large sign board adhesive	P	45±1	6000~9000	18 ↑	1.1 ↑	100 ↑
PSA-R12	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	M	40±1	1500~3500	13 ↑	1.2~1.6	100 ↑
PSA-R6	廣告噴繪 Commercial Large sign board adhesive	P	40±1	3000±1500	5 ↑	0.4~0.8	100 ↑
PSA-R6	雙面膠帶、泡棉膠帶、商標紙 Double-sided, form, label tape	P	40±1	3000±1500	5 ↑	0.4~0.8	100 ↑
PSA-W7	隔熱膜 Tint glass film for windows and automobiles	P	40±1	5000±1500	14 ↑	1.0 ↑	100 ↑
PSA-W7H	隔熱膜 Tint glass film for windows and automobiles	P	40±1	5000±1500	3 ↑	1.0 ↑	100 ↑

特性 Characteristics	主要用途 Applications
一液型膠水。T、A、C平衡。 One component adhesive. T, A, C balance.	電子膠帶。無鹵、無重金屬等 Electrical tape. Non-halogen and non heavy metal etc.
一液型膠水。高接著力。 One component adhesive. High adhesion.	高接著力之膠帶。無鹵、無重金屬等 High adhesion conductive tape. Non-halogen and non heavy metal etc.
一液型膠水。一般泛用型(T、A、C平衡)。無甲苯配方之膠水。 One component adhesive. Normal type (T, A, C balance). Toluene free.	塑膠膜創口貼。透氣棉紙膠帶。無紡布透氣膠帶。消毒繃帶 Plastic film wound paste. Breathable cotton paper tape. Non-woven breathable tape. Disinfect bandage
一液型膠水。一般泛用型(T、A、C平衡)。無甲苯配方之膠水。 One component adhesive. Normal type (T, A, C balance). Toluene free.	塑膠膜創口貼。透氣棉紙膠帶。無紡布透氣膠帶。消毒繃帶 Plastic film wound paste. Breathable cotton paper tape. Non-woven breathable tape. Disinfect bandage
一液型膠水。高接著需求。無甲苯配方之膠水 One component adhesive. High adhesion. Toluene Free	塑膠膜創口貼。透氣棉紙膠帶。無紡布透氣膠帶。消毒繃帶 Plastic film wound paste. Breathable cotton paper tape. Non-woven breathable tape. Disinfect bandage
一液型膠水。超透明標籤用。 One component adhesive. Clarity excellent.	高透明度PET、PVC標籤 Clarity excellent for PET and PVC label tape.
一液型膠水。一般泛用型(T、A、C平衡)。 One component adhesive. Normal type (T, A, C balance).	一般泛用型之雙面膠帶、泡棉膠帶、紙標籤 Normal tape for double-sided, foam, and label tape.
一液型膠水。高接著需求。 One component adhesive. High adhesion.	高接著力之雙面膠帶、泡棉膠帶、紙標籤 High adhesion for double-sided, foam, and label tape.
一液型膠水。高初期需求。 One component adhesive. High tackiness.	高初期雙面膠帶、商標紙類 High tackiness for double-sided, label tape.
一液型膠水。中、高黏。 One component adhesive. Medium and high adhesion.	中、高黏PVC背膠 Medium and high adhesion for PVC sheet.
一液型膠水。中黏。 One component adhesive. Medium Adhesion.	冷裱膜 Cold Laminating Film
一液型膠水。中黏。 One component adhesive. Medium Adhesion.	冷裱膜 Cold Laminating Film
二液型膠水。耐熱性要求的特殊產品。 Two component adhesive. Excellent heat resistance.	高耐熱產品 Excellent heat resistance produces.
二液型膠水。透明性。低初黏中接著。重複撕貼。 Two component adhesive. Clarity and medium adhesion. Reuse.	打孔PVC。可移型車身貼 Punching PVC sheet. Removable vehicle wrapping film.
二液型膠水。透明性。低初黏中接著。重複撕貼。 Two component adhesive. Clarity and medium adhesion. Reuse.	PET電子用保護膜(可移性) PET protective film for electrical products (removable).
一液型膠水。超透明。 One component adhesive. Clarity excellent.	汽車隔熱膜 solar window film
一液型膠水。超透明。高質感。 One component adhesive. Clarity excellent. High quality.	汽車隔熱膜(新型、高質感) Solar window film (new type and high quality).

## 10 工業塗料用水性丙烯酸樹脂 Water-Based Acrylic Resin for Industrial Coating

品號 Product No.	主成份 Component	固成份 NV[%]	pH	外觀 Appearance	黏度 Viscosity
AE-2267	丙烯酸乳液 Acrylic emulsion	45	7.5~8.5	乳白液 Milk white liquid	<400cps No.2, 60rpm
AE-3050	醋酸乙酯-丙烯酸酯共聚物 Vinyl acetate-acrylic copolymer	50	4.5±1	乳白液 Milk white liquid	500~2500cps No.2, 12rpm
AE-814A	特殊聚合物 Special polymer	37	7~8	乳白液 Milk white liquid	<300cps No.3, 60rpm
AE-8900	特殊聚合物 Special polymer	38	8~9	淡黃乳液 Slightly yellow milk white liquid	<200cps No.1, 30rpm
NEW-2DN	水溶性丙烯酸樹脂 Water-soluble acrylic resin	58	8~8.4	微黃透明液 Slightly yellow transparent liquid	Z2~Z5
NEW-3A	水溶性丙烯酸樹脂 Water-soluble acrylic resin	60	7~8	微黃透明液 Slightly yellow transparent liquid	Z1~Z4
SPF-1H	無乳化劑丙稀酸乳液 Soap free acrylic emulsion	36	7~8	乳白液 Milk white liquid	<200cps No.1, 60rpm
WP-1715	特殊聚合物 Special polymer	39	8~9	乳白液 Milk white liquid	<100cps No.2, 60rpm
WP-66A	水溶性丙烯酸樹脂 Water-soluble acrylic resin	52	7~8	微黃透明液 Slightly yellow transparent liquid	X~Z1

品號 Product No.	分類 Type	固成份 NV[%]	色素 Color (APHA)	黏度 Viscosity (25° C, Gardner)	OH Value (supplied)	OH Content [%] (on solids)	pH Value	溶劑 Solvent
WT-37L	水性熱固性丙烯酸樹脂 Water-based Thermosetting Acrylic Resin	60	≤80	Z~Z3	----	----	----	BCS IPA
WT-38	水性熱固性丙烯酸樹脂 Water-based Thermosetting Acrylic Resin	55	≤80	Z4~Z6	----	----	7~8	BCS IPA
WT-601	水性熱固性丙烯酸樹脂 Water-based Thermosetting Acrylic Resin	60	≤200	Z1~Z4	----	----	8~9	PM
WT-702	水性熱固性丙烯酸樹脂 Water-based Thermosetting Acrylic Resin	69	≤200	Z4~Z7	----	----	----	PM BCS
WU-906	水性丙烯酸多元醇樹脂 Water-based Acrylic Polyol Resin	51	≤200	X~Z2	30	1.78	8~9	PM
WU-908	水性丙烯酸多元醇樹脂 Water-based Acrylic Polyol Resin	51	≤200	X~Z2	15	0.89	8~9	PM



特性 Characteristics	主要用途 Applications
對木紋孔隙的填充性佳。可封閉油脂。乾膜透明性佳 Good filterability for wood pore. As oil sealer, Transparently of film	水性木器封閉底漆 Water-based sealer for wood
密著。塗刷性。抗磨損。延伸性 Adhesion. Brushability. Abrasion resistance. Elongation	石膏板塗飾(底漆) Coating for gypsum board (primer)
速乾。抗回黏。高光澤。硬度。耐汽油。耐水性 Fast drying. Anti-blocking. High gloss. Hardness. Gasoline resistance. Water resistance	石膏板塗飾(金油) Coating for gypsum board (clearcoat)
耐沸水。抗油污。不含甲醛。符合FDA及世界環保VOC標準 Boiling water resistance. Greasy dirt resistance. Formaldehyde free. Complies with FDA & global VOC standards	環保碗之內襯塗裝。抗油污廚房用紙塗裝 Interior coating for eco-friendly bowls。 Greasy dirt resistance coating for kitchen paper
光澤。物性。流平性。耐水性 Gloss. Physical properties. Leveling. Water resistance	泛用水性噴漆 General purpose water-based lacquer
耐水性。速乾。硬度。抗回黏。密著 Water resistance. Fast drying. Hardness. Anti-blocking. Adhesion	泛用水性噴漆 General purpose water-based lacquer
裂紋深刻且明顯。密著 Deep & apparent crackles. Adhesion	水性裂紋彩繪漆 Water-based crackling paint
耐磨損。抗回黏。耐沸水。耐水性。耐洗劑。抗凍性 Abrasion resistance. Anti-blocking. Boiling water resistance. Water resistance. Detergent resistance. Frozen resistance	木器面漆 Top coat for wood
速乾。抗回黏。抗磨損。耐黃變。耐水性。平坦性 Fast drying. Blocking & Abrasion & Water & Yellowing resistance. Leveling	藤器、木器仿古水性噴漆金油 Antique imitation water-based clearcoat for rattan and wood

特性 Characteristics	主要用途 Applications
密著性。耐沸水。耐酒精。硬度 Adhesion. Resistant for boiling water. Alcohol resistance. Hardness	水性玻璃烤漆 Water base Glass Coating
高硬度。密著性。耐沸水。耐酒精 High hardness. Adhesion. Resistant for boiling water. Alcohol resistance	水性玻璃烤漆 Water base Glass Coating
高硬度。耐水性。耐鹽務性。密著性。韌性佳 High hardness. Water resistance, Salt spray resistance, Adhesion, Flexibility	泛用水性塗料 Water based coating for general purpose
高固成份。耐水性。耐鹽務性。密著性。韌性佳 High solid content. Water resistance. Salt spray resistance. Adhesion. Toughness	泛用水性塗料 Water based coating for general purpose
耐水性。速乾性。高硬度。抗回黏。密著性優 Water resistance. Fast drying. High hardness. Anti-blocking, Adhesion	泛用水性塗料 Water based coating for general purposet
耐水性。速乾性。高硬度。抗回黏。密著性優 Water resistance, Fast drying. High hardness. Anti-blocking, Adhesion	泛用水性塗料 Water based coating for general purpose

## 11 印刷紙品用丙烯酸樹脂 Acrylic Resin for Printed Paper

品號 Product No.	主成份 Component	外觀 Appearance	固成份 NV[%]	pH	黏度 Viscosity (25 ° C, Gardner)
AE-812	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	乳白液體 Milk white liquid	49	8±1	<200 cps
AE-813	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	乳白液體 Milk white liquid	45	8±0.5	< 300 cps
AE-814	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	乳白液體 Milk white liquid	38	7.5~8.5	< 300 cps
AE-815	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	乳白液體 Milk white liquid	38	8±0.5	< 300 cps
AE-816	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	微黃半透明 Slightly yellow semitransparent liquid	38	8±0.5	< 300 cps
AE-817	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	微黃半透明 Slightly yellow semitransparent liquid	36	8±0.5	< 300 cps
AE-818	丙烯酸酯共聚合物(水性) Acrylic copolymer (water-based)	微黃乳白液體 Slightly yellow milk white liquid	35	8±0.5	< 300 cps
SP-17	丙烯酸酯共聚合物(油性) Acrylic copolymer (solvent-based)	微黃半透明 Slightly yellow semitransparent liquid	53	-	Z1~Z4
A-808	丙烯酸酯共聚合物(油性) Acrylic copolymer (solvent-based)	微黃半透明 Slightly yellow semitransparent liquid	50	-	W~Z

特性 Characteristics	主要用途 Applications
乾膜透明潔白，光澤極佳。硬度。接著性極佳。速乾。耐濕熱性。 Clearness for dry film and excellent gloss. Hardness. Excellent adhesion. Fast drying. Humidity-heat resistance	OPP膜與印刷紙品接著貼合用。 Adhesive binder for OPP film and printed paper
消光度。平坦。密著 Matting. Flatness. Adesion	水性消光油 Clear high de glossing water-based overprint varnish
密著。塗膜透明不黃變。速乾。對UV油密著。硬度 Adhesion. Transparent and non-yellowing film. Fast drying. Adhesion to UV finish. Hardness	UV打底油(水性) UV primer (water-based)
無味無臭。外觀。光澤。耐油脂。抗回黏 Odorless. Appearance. Gloss. Grease resistance. Anti-blocking	水性光油 Clear high gloss water-based overprint varnish (for off line)
高耐磨、高滑爽 High abrasion resistance. High slick	水性耐磨光油 Water-based polish finish
高光澤。速乾。密著性。耐水性。耐油脂。抗回黏 High gloss. Fast drying. Adhesion. Water and grease resistance. Anti-blocking	水性印油 Clear high gloss water-based overprint varnish (for in line)
綿度、亮度、脫版性、速乾、失光率小 Mirror like, High gloss property of depart not press fast drying. Without glossy lost.	水性磨光油 Water-based polish finish
光澤。綿度。脫版性。速乾 Gloss. Mirror like. Detachability from hot press. Fast drying	紙類油性磨光油、光油 Slovent-based calendering varnish and overprint varnish
高吸塑性 High thermoforming	吸塑紙上光劑, UV塗料韌性促進劑 Overprint varnish for blister packing. Toughness promoter for UV coating

## 12 防水建材用丙烯酸乳液 Acrylic Emulsion for Waterproofing Building Materials

品號 Product No.	主成份 Component	pH	黏度 Viscosity (25° C, Gardner)	外觀 Appearance
AE-300	苯乙烯丙烯酸酯共聚物 Styrene acrylic copolymer	8~9	1500~4500cps No.4, 60rpm	乳白液體 Milk white liquid
AE-6000	苯乙烯丙烯酸酯共聚物 Styrene acrylic copolymer	7.5~8.5	<2000cps No.2, 12rpm	乳白液體 Milk white liquid
AE-6002-2	苯乙烯丙烯酸酯共聚物 Styrene acrylic copolymer	7.5~8.5	1500~3500cps No.3, 30rpm	乳白液體 Milk white liquid
AE-6220	苯乙烯丙烯酸酯共聚物 Styrene acrylic copolymer	8~9	<200cps No.1, 30rpm	乳白液體 Milk white liquid
AE-2267	丙烯酸酯共聚物 Acrylic copolymer	8~9	<400cps No.2, 60rpm	乳白液體 Milk white liquid
AE-3601	丙烯酸酯共聚物 Acrylic copolymer	7~8.5	2000±500cps No.3, 30rpm	乳白液體 Milk white liquid
AE-3601Z	丙烯酸酯共聚物 Acrylic copolymer	7~8.5	3000~5000cps No.4, 60rpm	乳白液體 Milk white liquid
AE-3609-1J	丙烯酸酯共聚物 Acrylic copolymer	4±1	2000~4000cps No.4,60rpm	乳白液體 Milk white liquid
AE-3618	丙烯酸酯共聚物 Acrylic copolymer	5.5±1.5	1500~4000cps No.4,60rpm	乳白液體 Milk white liquid
AE-3634	丙烯酸酯共聚物 Acrylic copolymer	7~8	4000~5000cps No.4, 60rpm	乳白液體 Milk white liquid
AE-3635	丙烯酸酯共聚物 Acrylic copolymer	8±1	2000~4000cps No.4,60rpm	乳白液體 Milk white liquid
AE-3636	丙烯酸酯共聚物 Acrylic copolymer	7.5 ~9	<1000cps No.2, 30rpm	乳白液體 Milk white liquid
AE-3700	丙烯酸酯共聚物 Acrylic copolymer	7±1	<500cps No.2, 60rpm	乳白液體 Milk white liquid
AE-6006	丙烯酸酯共聚物 Acrylic copolymer	8.5~9.5	<4000cps No.3, 30rpm	乳白液體 Milk white liquid
AE-7550	丙烯酸酯共聚物 Acrylic copolymer	6.5~7.5	<1000cps No.2, 30rpm	乳白液體 Milk white liquid
AE-7650	丙烯酸酯共聚物 Acrylic copolymer	7.5~9	1500~4500cps No.4, 60rpm	乳白液體 Milk white liquid

特性 Characteristics	主要用途 Applications
防水。耐鹼性。優良的附著力，表面不回黏 Waterproofing. Alkali resistance. Excellent adhesion. Surface tack free	補土(輕質)。彈性塗料。透明底漆 Putty(light density). Elastic paint. Clear primer
防水。耐鹼性。光澤。密著 Waterproofing. Alkali resistance. Gloss. Adhesion	室內水性水泥漆 Interior water-based cement paint
防水。耐鹼性。優良的附著力 Waterproofing. Alkali resistance. Excellent adhesion	補土(輕質)。彈性塗料。透明底漆 Putty(light density). Elastic paint. Clear primer
高光澤。防水優。耐鹼性。耐候性。抗回黏。不含APEO High gloss. Good waterproofing. Alkali & Weather resistance. Anti-blocking. APEO free	外部水性水泥漆 Exterior water-based cement paint
抗單寧酸底漆。防鏽蝕。撥水性。密著性 Primer with tannic acid Resistance. Corrosion Resistance. Hydrophobic. Adhesion	水性木器封閉底漆。金屬底漆。防水漆 Water based wood coating sealer. Metal primer. Waterproofing paint
伸長率好。極低吸水率。與水泥形成複合式防水材 Good elongation. Very low water absorption. Forming waterproofing composite with cement	混凝土防水劑 Waterproofing agent for concrete
伸長率好。極低吸水率。與水泥形成複合式防水材 Good elongation. Very low water absorption. Forming waterproofing composite with cement	混凝土防水劑 Concrete waterproofing agent
提高耐衝擊性、韌性及防水。低氣味 Improving impact strength, toughness & waterproofing. Low odor	混凝土防水劑 Concrete waterproofing agent
提高撕裂強度、韌性及防水、塗刷性 Improving tear strength, toughness, waterproofing and brushability	混凝土防水劑 Concrete waterproofing agent
伸長率好。極低吸水率。與水泥形成複合式防水材。不含APEO Good elongation. Very low water absorption. Forming waterproofing composite with cement. APEO free	混凝土防水劑 Concrete waterproofing agent
耐候性佳。與水泥形成複合式防水材 Weather resistance. Forming waterproofing composite material with cement	混凝土防水劑 Waterproofing agent for concrete
極低吸水率。抗回黏。不含APEO 及福馬林 Low water absorption. Anti blocking. APEO & Formalin Free	混凝土防水劑。延伸性佳之室外水泥漆 Waterproofing agent for concrete. Outdoor cement paint with good elongation
提高耐衝擊性、韌性、抗張強度及防水 Improving impact resistance, toughness, tensile strength and waterproofing	混凝土增強劑 Concrete reinforcing agent
防水。耐候性佳。光澤好 Waterproofing. Weather resistance. Good gloss	室內外石頭漆 Interior & exterior stone paint
彈性佳。防水。耐候性 Good elasticity. Waterproofing. Weather resistance	彈性補土 Elastic Putty
防水。耐鹼性。耐污染。一般彈性 Waterproofing. Alkali & Staining & Graffiti resistance. General elasticity	單層彈性塗料 Single layer elastic paint

## 12 防水建材用丙烯酸乳液 Acrylic Emulsion for Waterproofing Building Materials

品號 Product No.	主成份 Component	pH	黏度 Viscosity (25 °C, Gardner)	外觀 Appearance
AE-7660	丙烯酸酯共聚物 Acrylic copolymer	8~9	1500~3500cps No.4, 60rpm	乳白液體 Milk white liquid
AE-7660-3	丙烯酸酯共聚物 Acrylic copolymer	7.5~9	1500~3500cps No.4, 60rpm	乳白液體 Milk white liquid
AE-7750	丙烯酸酯共聚物 Acrylic copolymer	7.5~8.5	1000~3000cps No.4, 60rpm	乳白液體 Milk white liquid
AE-9000-1	丙烯酸酯共聚物 Acrylic copolymer	8~9	<200cps No.3, 60rpm	乳白液體 Milk white liquid
AE-9001	丙烯酸酯共聚物 Acrylic copolymer	8±1	<2500cps No.2, 12rpm	乳白液體 Milk white liquid
AE-9006A	丙烯酸酯共聚物 Acrylic copolymer	8~9.5	1000~2500cps No.2, 12rpm	乳白液體 Milk white liquid
AE-3000	醋酸乙稀丙烯酸酯共聚物 Vinyl acetate acrylic copolymer	4.5±1	2000~5000cps No.4, 60rpm	乳白液體 Milk white liquid
AE-3003G	特殊合成樹脂 Special synthetic resin	4.5±1	1500~3500cps No.4, 60rpm	乳白液體 Milk white liquid
AE-6007	矽變性丙烯酸樹脂 Silicone modified acrylic resin	7.8~8.5	4000~10000 cps No.3, 12rpm	乳白液體 Milk white liquid
AE-7411	矽變性丙烯酸樹脂 Silicone modified acrylic resin	8±1	5000~10000cps No.3, 12rpm	乳白液體 Milk white liquid
AE-7422	矽變性丙烯酸樹脂 Silicone modified acrylic resin	8±1	5000~10000cps No.3, 12rpm	乳白液體 Milk white liquid
AE-7449	矽變性丙烯酸樹脂 Silicone modified acrylic resin	8±1	5000~10000cps No.3, 12rpm	乳白液體 Milk white liquid



特性 Characteristics	主要用途 Applications
防水。耐鹼性。耐污染。一般彈性 Waterproofing. Alkali & Staining & Graffiti resistance. General elasticity	單層彈性塗料 Single layer elastic paint
防水。耐鹼性。耐污染。一般彈性 Waterproofing. Alkali & Staining & Graffiti resistance. General elasticity	單層彈性塗料 Single layer elastic paint
耐候性。防水。耐鹼性。高彈性 Weather resistance. Waterproofing. Alkali resistance. Excellent elasticity	彈性水泥。填縫劑 Elastic cement. Caulking agent
耐候性。防水。耐鹼性。顏料分散性 Weather resistance. Waterproofing. Alkali resistance. Pigment dispersibility	外部水性水泥漆 Exterior water-based cement paint
耐候性。防水。耐鹼性。顏料分散性 Weather resistance. Waterproofing. Alkali resistance. Pigment dispersibility	外部水性水泥漆 Exterior water-based cement paint
防水。耐候性佳。彈性好 Waterproofing. Weather resistance. Good elasticity	面塗用高防水水泥漆及彈性樹脂 Waterproofing paint & elastic resin for topcoat
塗刷性。光澤。平坦性。密著。防水 Excellent brushability. Gloss. Leveling. Adhesion. Waterproofing	室內水性水泥漆 Interior water-based cement paint
耐水性。耐鹼性強。優異之耐擦洗性 Water & alkali resistance. Good brushability	內牆塗料 Interior wall paint
矽變性。耐候性。抗張強度佳。光澤保持率 Silicone modified. Weather resistance. Good tensile strength. Gloss retention	磁磚清漆 Tile varnish
矽變性。耐候性。抗張強度佳。光澤保持率。不含APEO Silicone modified. Weather resistance. Good tensile strength. Gloss retention. APEO free	磁磚清漆。室內外水泥漆。凸紋漆 Tile varnish. Interior & exterior cement paint. Texture paint
矽變性。耐候性。抗張強度佳。光澤保持率。不含APEO。矽含量高 Silicone modified. Weather resistance. Good tensile strength. Gloss retention. APEO free. High silicone content	磁磚清漆。室內外水泥漆。凸紋漆 Tile varnish. Interior & exterior cement paint. Texture paint
矽變性。附著性。抗回黏。不含APEO及福馬林 Silicone modified. Adhesion. Anti-blocking. APEO and Formalin free	室內外水泥漆。隔熱漆。木材塗料 Interior & exterior cement paint. Thermal Insulation paint. Wood Coating

## 13 水噴式與氣噴式織布機上漿劑 Sizing Agent for Water Jet Loom & Air Jet Loom

品號 Product No.	主成份 Component	pH (2%, 20 °C)	黏度 Viscosity (25 °C, Gardner)	外觀 Appearance
J-166	丙烯酸酯共聚合物 Acrylic copolymer	7.0~7.4	<500cps No.2, 30rpm	微黃半透明液體 Slightly yellow translucent liquid
J-3912	丙烯酸酯共聚合物 Acrylic copolymer	7.3~7.6	<1000cps No.1, 60rpm	微黃半透明液體 Slightly yellow translucent liquid
NK-240	丙烯酸酯共聚合物 Acrylic copolymer	6.8~7.2	<500cps No.2, 30rpm	微黃半透明液體 Slightly yellow translucent liquid
J-7N	特殊合成樹脂 Special synthetic resin	6.8~7.2	<500cps No.2, 30rpm	微黃半透明液體 Slightly yellow translucent liquid

## 14 皮革用丙烯酸樹脂 Acrylic Resin for Leather Finish

品號 Product No.	品名 Product Name	外觀 Appearance	主成份 Component	硬化或乾燥時間 Curing or Drying Time	黏度 Viscosity (25 °C, Gardner)
F-2200	皮革用樹脂 Binder for leather finish	乳白液體 Milky white liquid	丙烯酸酯共聚合物 Acrylic copolymer	70~90 °C × 3~5mins	<200cps No.1, 30rpm
F-50-1	皮革用樹脂 Binder for leather finish	微透明液體 Slightly Transparent liquid	丙烯酸酯共聚合物 Acrylic copolymer	70~90 °C × 3~5mins	<100cps No.1, 60rpm
F-51	單寧樹脂 Leather tanning	乳白液體 Milky white liquid	丙烯酸酯共聚合物 Acrylic copolymer	70~90 °C × 3~5mins	<100cps No.1, 60rpm
F-57-1	皮革用樹脂 Binder for leather finish	微透明液體 Slightly Transparent liquid	丙烯酸酯共聚合物 Acrylic copolymer	120 °C × 5mins	<500cps No.2, 60rpm
F-58-1	皮革用樹脂 Binder for leather finish	微透明液體 Slightly Transparent liquid	丙烯酸酯共聚合物 Acrylic copolymer	120 °C × 5mins	<100cps No.2, 60rpm

特性 Characteristics	主要用途 Applications
具有極佳接著性和平滑性並減少靜電聚集 Excellent adhesion and smoothness. Reducing static aggregation.	50丹尼以下聚醯胺纖維(尼龍·錦綸)和聚酯纖維(錦綸·特多龍·達克龍)超細纖維提升其織造效率 Improvement in weaving efficiency of polyamide fiber (PA, Nylon) and polyester fiber(PET, Teton, Dacron) microfiber under 50 denier
耐水性。接著性。凝聚性。精練性佳。不落硬糊 Water resistance. Adhesion. Cohesion. Scouring. Rarely falling of hard glue	水噴式織布機聚酯長纖維(錦綸·達克龍·特多龍)用糊劑 Water jet loom sizing agent for polyester long fiber (PET, Dacron, Teton)
滲透性。接著性。皮膜強韌性。織布過程糊膜吸濕、澎潤、溶解現象很少。可極高速上漿，織布仍保持最高效率。精練性佳。不落硬糊 Excellent penetrability. Adhesion. Film toughness. Film rarely absorbs moisture, swells or dissolves in the weaving process. Very high speed in sizing and weaving process with keeping on the best efficiency. Scour. Rarely falling of hard sizing drop	水噴式織布機聚醯胺長纖維(尼龍·錦綸)用糊劑 Water jet loom sizing agent for polyamide long fiber(PA, Nylon)
低黏度。接著性。抱合力。滲透性。高效率。精練性佳 Low viscosity. Good adhesion. Cohesion. Penetrability. High efficiency. Scouring	氣噴式織布機用綜合漿料(聚酯纖維、聚醯胺纖維) Air jet loom sizing agent(Polyester, Polyamide)

特性 Characteristics	主要用途 Applications
無甲醛。接著佳。熱塑性。手感好。賦予皮革產品光澤亮麗 Formaldehyde free. Good adhesion. Thermoplastic. Good handling. Give gloss & beauty to leather products	皮革表面染色加工(底層) Dyeing finish for Leather surface(primer)
粒徑小。浸透性佳。無甲醛。不含APEO Small particle size. Good penetrability. Formaldehyde free. APEO free	皮革塗飾用(底層) Leather finish(bottom coat)
省樹脂。作業易。甲酸膠化快速、完全 Resin saving. Good workability. Complete and quick coagulation on contacting with formic acid	皮革水場用酸膠化樹脂 Acid curing tanning resin for leather impregnation at beamhouse
抗回黏佳。壓花紋路清晰。耐溶劑。不含APEO Anti-blocking. Embossing with clear patterns. Solvent resistance. APEO free	榔皮表面塗飾 Decoration of split leather
熱可塑性。中等硬度。低量粘性。優良離板性。不含APEO Thermoplastic. Mid-hardness. Low blocking. Good platen release. APEO free	皮革表面染色加工(中、上層) Dyeing finish for Leather surface(basecoat & topcoat)

## 15 紡織加工用丙烯酸乳液 Acrylic Emulsion for Textile Finish

品號 Product No.	pH	黏度 Viscosity (25° C, Gardner No.2, 30rpm)	硬度 Film Hardness	成膜溫度 MFFT(°C)	粒子荷電 Particle Charge
AE-8706	7.8~9.5	<2000cps No.2, 30rpm	H	99	陰離子 Anionic
AE-8706-40	7.8~9.5	<2000cps No.2, 30rpm	H	99	陰離子 Anionic
AE-8788	8.0±1.0	<500cps No.1, 12rpm	HH	110	陰離子 Anionic
NH-105F	7.0±1.0	<300cps No.2, 60rpm	H	105	陰離子 Anionic
NH-118	6.5~7.5	<100cps No.1, 60rpm	H	25	陰/非離子 Anionic/Nonionic
NH-119	6.0~7.0	<100cps No.1, 60rpm	H	25	陰/非離子 Anionic/Nonionic
NH-500	7.0~8.0	<50cps No.1, 60rpm	H	30	陰離子 Anionic
NH-539	6.0±1.0	<100cps No.1, 30rpm	H	88	陰/非離子 Anionic/Nonionict
NH-539F	6.0±1.0	<200cps No.1, 30rpm	H	88	陰/非離子 Anionic/Nonionic
NH-7000	3.0~6.5	<100cps No.1, 60rpm	H	20	陰離子 Anionic
NS-3321F	5.5~6.5	200~500cps No.2, 30rpm	S	<0	陰離子 Anionic
NS-3322	6.0±0.5	200~600cps No.2, 60rpm	S	<0	陰離子 Anionic
NS-3377F	6.0±1.0	<500cps No.2, 60rpm	SS	<0	陰/非離子 Anionic/Nonionic

<p>特性 Characteristics</p>	<p>主要用途 Applications</p>
<p>硬度。耐黃變佳。耐水洗佳。無福馬林。不含APEO Hardness. Good yellowing resistance. Good wash resistance. Formaline free. APEO free</p>	<p>不織布之硬挺泡沫加工 Stiffing foaming finish for non-woven fabrics</p>
<p>硬度。耐黃變佳。耐水洗佳。無福馬林。不含APEO Hardness. Good yellowing resistance. Good wash resistance. Formalin free. APEO free</p>	<p>不織布之硬挺加工 Stiffing finish for non-woven fabrics</p>
<p>硬度。耐黃變佳。耐水洗佳。無福馬林。不含APEO Hardness. Good yellowing resistance. Good wash resistance. Formalin free. APEO free</p>	<p>不織布之硬挺加工 Stiffing finish for non-woven fabrics</p>
<p>硬度。耐黃變佳。耐水洗佳 Hardness. Good yellowing resistance. Good wash resistance</p>	<p>不織布之硬挺泡沫加工 Stiffing foaming finish for non-woven fabrics</p>
<p>耐黃變性。高抗張強度。無福馬林。不含APEO Good yellowing resistance, High Tensile Strength, Formalin &amp; APEO free</p>	<p>座墊、成衣用樹脂棉 Resin bond fiberfill for seat cushion &amp; garments</p>
<p>手感好。彈性回復力佳 Good handling. Good compression recovery and resilience</p>	<p>座墊、成衣用樹脂棉 Resin bond fiberfill for seat cushion &amp; garments</p>
<p>皮膜強硬。可撓性。耐水性。耐溶劑。耐熱性。接著性 Hard film. Flexibility. Excellent water &amp; Solvent &amp; Heat resistance. Adhesion</p>	<p>不織布spray加工。觸感調節劑 Non-woven fabrics spray finish. Hand feeling modifier</p>
<p>皮膜強硬。機械安定性。耐水性。接著性 Hard film. Excellent mechanical stability. Water resistance. Adhesion</p>	<p>不織布spray加工。觸感調節劑 Non-woven fabrics spray finish. Touch modifier</p>
<p>皮膜中硬。機械安定性。耐水性。接著性 Middle hard film. Excellent mechanical stability. Water resistance. Adhesion</p>	<p>汽車地氈、不織布泡沫加工。觸感調節劑 Car carpet &amp; non-woven fabrics foaming finish. Hand feeling modifier</p>
<p>皮膜觸感佳。耐水性。耐溶劑。膨鬆 Excellent handling. Water resistance. Solvent resistance. Puffy</p>	<p>樹脂棉spray加工 Spray finish for resin cotton</p>
<p>強吸水性軟樹脂。起泡性良 Soft resin with strong water absorption. Excellent foaming property</p>	<p>軟性不織布泡沫加工 Foaming finish for soft non-woven fabrics</p>
<p>柔軟。抗張強度強。不黏滾筒 Softness. High tensile strength. No tack roller</p>	<p>植毛。貼合 Flocking binder. Laminating binder</p>
<p>起泡性良。機械安定性 Excellent foaming property. Mechanical stability</p>	<p>軟性不織布泡沫加工 Foaming finish for soft non-woven fabrics</p>

## 熱固性丙烯酸樹脂產品選擇指南

### Product selection guide for TSA(Thermosetting Acrylic Resin)

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
金屬玩具 Metal toys		【AT-65-1, AT-20】 + 【M-821, M-828】 AT-560N+M-821	表乾性。油墨轉印性 Surface drying. Ink printing transferability
百葉窗 Shutter		色漆Base coat: AT-46HN + M-828 金油Clear coat: AT-46HN+M-828+M-325 (3:1)	二次物性。耐蝕性 2nd physical properties. Corrosion resistance
家電、一般工業用 Domestic appliances, general industrial		【AT-20, AT-47, AT-581】 +M-828	二次物性。密著性 2nd physical properties. Adhesion
家電、一般工業用 Domestic appliances, general industrial		【AT-580, AT-101】 +M-828	重塗性。作業性。光澤 Re-coating. Workability. Gloss.
機車油箱、色漆、機車引擎 Motorcycle fuel tank and engine. Color paint		【AT-20, AT-580, AT-581】 +M-828 【AT-580, AT-101】 +M-823N	汽油性。耐熱性。作業性。光澤 Gasoline and heat resistance. Workability. Gloss
小五金、零件 Hardware. Machine parts		【AT-510H+AT-580】 +M-828 AT-101+M-828	高硬度。密著性。相容性 High hardness. Adhesion. Compatibility
捲尺 Measuring tape		AT-560N+M-828 AT-101+M-828	柔韌性。耐汙染性 Flexibility. Pollution resistance
罐頭上光面漆、金油 Topcoat and Varnish for Can		AT-534+M-126	耐高溫殺菌。光澤。硬度。低臭 High temperature sterilization resistance. Gloss. Hardness. Low odor
輪圈 Wheel Rims	灰中底 Grey basecoat	AT-101+M-828 AT-46HN+M-828	層間密著性。柔韌性 Layer adhesion. Flexibility
	銀粉漆 Metallic paint	AT-46HN+M-822F	銀粉排列。白度。平坦性 Al-orientation. Whiteness. Flatness
	上光金油色漆 Varnish and color paint	AT-20+M-828	耐鹽噴。層間密著。光澤。耐洗劑。耐汽油。耐候性 Salt-spray resistance. Layer adhesion. Gloss. Detergent & Gasoline & Weather resistance
腳踏車 Bicycle	鉛圈 (消光) Wheel (matting)	AT-65-1+M-828	密著性。厚膜性 Adhesion. Thickness
	高級 (色漆、清漆) High (color paint and clear paint)	色漆Base coat: AT-735E+M-828 金油Clear coat: AT-20+M-828	豐滿度。外觀。層間密著。柔韌性 Fullness. Appearance. Layer adhesion. Flexibility
	中級 (面漆) Secondary (topcoat)	色漆Base coat: 【AT-580, AT-101】 +M-828 金油Clear coat: AT-65-1+M-828	密著性。耐衝擊。作業性 Adhesion. Impaction resistance. Workability
	一般 General	Alkyd+M-829	2C1B



材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
彩色鋼板背部塗飾 Coating for color steel plate		AT-561+M-822F	表乾。漆不變黃 Surface drying. Non-yellowing
電鍍金油 Varnish for electroplating product	泛用 General	【AT-779, AT-789】+M-822F	豐滿度。高硬度。外觀、物性 Fullness. High hardness. Appearance. Physical properties
	耐酸性 Acid resistance	【AT-239, AT-799】+ 【M-823N+M-320, M-822F】	耐硝酸優異 Excellent nitric acid resistance
	對珍珠鍍、仿古銅掃紋等特殊材質 Special material for pearl nickel, copper	AT-239+M-823N+M-320 AT-99A+ 【M-823N+M-320, M-822F】 AT-888+M-823N+M-320	密著性、耐蝕性優異。高豐滿度。外觀優異 Excellent adhesion and nitric acid resistance. High fullness. Excellent appearance
	外觀 Appearance	AT-99A+M-823N+M-320 AT-788+ 【M-830N, M-822F】	外觀。豐滿度。高硬度 Appearance. Fullness. High hardness
	油水兩用 Solvent and water based	AT-720, AT-722, WT-601, AT-888, WT-702	密著性、耐蝕性 Adhesion and corrosion resistance
電木 Bakelite		AT-101+ 【M-821, M-828】 AT-580+ 【M-821, M-828】	非鐵金屬密著性。耐熱黃變性 Non-Fe metal adhesion. Heat yellowing resistance
汽車 Car	銀粉漆 (原廠) Metallic paint (OEM)	AT-103+ 【M-325, M-828】	速乾。銀粉定向性。2C1B Fast drying. Al directional property. 2C1B
	上光漆 (原廠) Varnish (OEM)	AT-225+ 【M-320N, M-325, M-828】	外觀。耐候性 Appearance. Weather resistance
拉鍊 Zipper		AT-510H	高硬度。密著性 High hardness. Adhesion
鈦合金材質眼鏡框 Titanium alloy frame glasses		AT-799	耐人工汗液。韌性 Artificial sweat resistance. Toughness
硬質尼龍金油 Hard nylon varnish		AT-239	高硬度。密著性。高光澤 High hardness. Adhesion. High gloss

## 熱塑性丙烯酸樹脂產品選擇指南

### Product selection guide for TPA(Thermoplastic Acrylic Resin)

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
硬質PVC塗裝。色餅。色膏 Hard PVC coating. Color-paste. Color-cake.		A-110, A-80	耐可塑劑移行。高硬度。耐酒精 Plasticizer migration resistance. High hardness. Alcohol resistance
軟質PVC塗裝 Soft PVC coating		A-80	硬韌性。耐可塑劑移行。光澤 Toughness. Plasticizer migration resistance. Gloss
耐醇型ABS、PS銀粉漆 Alcohol resistance type ABS, PS metallic paint.		A-113	高硬度。乾燥性。CAB相容 High hardness. Drying. CAB compatibility
		A-77	標準型。較不需強溶劑。冷熱循環。CAB相容 Standard type. No strong solvent. Thermocycling. CAB compatibility
		A-66, A-77	密著性。銀粉吸附性 Adhesion. Al adsorptivity
		A-113L	光澤。作業性 Gloss. Workability
		A-2090	耐機械性(韌性)。彈性裝置適性 Mechanical (toughness) resistance. Elastic device appropriateness
ABS色漆 Color paint for ABS		A-74	顏料分散性。光澤 Pigment dispersibility. Gloss
UV底漆 (ABS) UV basecoat (ABS)		A-77, A-2090, A-72N	與UV之層間密著 Layer adhesion with UV
真空電鍍 Vacuum electroplating	塑膠 (一般) Plastic (general)	A-2090, A-357, A-53	光澤。速乾 Gloss. Fast drying
	塑膠 (高級) Plastic (high)	A-1209	硬度。速乾。耐醇性 Hardness. Fast drying. Alcohol resistance
電鍍金油 Electroplating varnish		A-63	光澤。密著 Gloss. Adhesion
籐器、竹器 Cane-work. Bamboo ware		A-311	光澤。作業性 Gloss. Workability
鞋跟、木紋紙上光 Heel. Grainy paper varnishing		A-698	與脂肪酸Alkyd相容性。硬度。密著 Fatty acid Alkyd compatibility. Hardness. Adhesion
噴瓷漆、普通噴漆改質劑 Modifier agent for lacquer and enamel		B-99	與中油、短油Alkyd可相容。提升乾燥性、 光澤、硬度、耐黃變 Medium and short-oil compatible. Improving drying, gloss, hardness and yellowing resistance

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
PU底漆 PU basecoat		A-2090, A-91	層間密著。CAB相容 Layer adhesion. CAB compatibility
噴漆罐色漆 Color paint for spray can		A-2090	密著性。溶劑稀釋性 Adhesion. Solvent dilution
FRP遊艇 FRP yacht		A-63, A-989	耐海水性。耐候性 Seawater and weather resistance
PP		A-68, A-68K	氯化pp相容性。耐水性 Chlorinated polypropylene compatibility. Water resistance
汽車修補 Car refinishing	單獨不加NC、CAB No NC and CAB	A-743, A-743H	速乾。硬韌性。耐候性。光澤 Fast drying. Toughness. Weather resistance. Gloss
	加CAB底PU面 CAB basecoat and PU topcoat	A-2090	相容性。層間密著性 Compatibility. Layer adhesion
	加NC底PU面 NC basecoat and PU topcoat	A-75, A-91	與PU層間密著性 Layer adhesion with PU
水泥漆 Cement paint		A-969, A-859	光澤。耐鹼。耐候性 Gloss. Alkali & Weather resistance
非鐵金屬色漆、鍍鋅鋼板修補漆 Color paint for non-Fe metal and Zinc coated stainless steel		A-357, A-070	密著。可撓性 Adhesion. Flexibility
輪圈蓋(ABS材質)金油 Varnish for wheel cover (ABS)		A-940	密著。可撓性 Adhesion. Flexibility
彩繪漆 Decorative paint		A-311, A-698	與短油Alkyd相容性。降低NC及強溶劑使用量 Short-oil compatibility. Reducing the use of NC and strong solvent
舊建材(水泥)封閉底漆 Old building materials (cement) seal primer		A-929	攤平性。滲透性。耐酸鹼 Flatness. Penetrability. Acid and alkali resistance
磁磚漆 Tile varnish		A-989, A-1257	高光澤。耐候性 High gloss. Weather resistance
PS、PC回收料 Recycled PS and PC		A-52, A-50N, A-2090	韌性。抗刮損性。密著性優異。醇溶性 Toughness. Abrasion resistance. Excellent adhesion. Alcohol solubility
木紋紙 Grainy paper		A-1209	速乾。高硬度。光澤 Fast drying. High hardness. Gloss

## 丙烯酸多元醇樹脂產品選擇指南 Product selection guide for 2KPU(Acrylic Polyol)

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
木器 Wood	平光 Matte	UR-1184F, A-357	速硬化。消光均勻性 Fast drying. Matting uniformity
	亮光 Glossy	UR-512, UR-517N, UR-175, UR-731	相容性。硬度。硬化性 Compatibility. Hardness. Curing
木片(百葉窗)面漆 Topcoat for wood chip (shutter)		UR-1184F	速乾。高硬度。重壓不回黏。可使用時間 Fast drying. High hardness. Surface tack free under heavy weight. Pot life
ABS	銀粉漆 Metallic paint	UR-505, UR-728, UR-9080	ABS密著性。速乾。耐汽油性 ABS adhesion. Fast drying. Gasoline resistance
	色漆 Basecoat	UR-509, UR-728, UR-1907D, UR-867	ABS密著性。厚膜性。光澤 ABS adhesion. Film thickness. Gloss
	金油(塑膠輪圈) Clearcoat (plastic wheel)	UR-519C, UR-509H, UR-2107, UR-867	肉厚感。高光澤 Plumpness. High gloss
汽車修補 Car refinishing	銀粉漆(底漆) Metallic paint (basecoat)	UR-9080, UR-501N, UR-728, UR-2106, UR-1907D, UR-1907A	鉛粉排列。密著性 Al-orientation. Adhesion
	實色漆 Solid colored basecoat	UR-433, UR-147, UR-518C, UR-518L, UR-703, UR-731, UR-506D, UR-870	平坦性。作業性。速硬化 Flatness. Workability. Fast curing
	金油 Varnish	2:1 UR-708, UR-433, UR-519B 4:1 UR-588, UR-2107L, UR-176L	外觀。豐滿度。速硬化 Appearance. Fullness. Fast curing
通用色漿 General color paste		Ti-211, Ti-222, Ti-217	層間密著。顏料分散性。相容性。可使用時間。光澤 Layer adhesion. Pigment dispersibility. Compatibility. Pot life. Gloss
高爾夫球頭 Golf head		UR-508, UR-175, UR-433N, UR-512	高硬度。耐溶劑。光澤 High hardness. Solvent resistance. Gloss
電木、環氧底上色漆或面漆 Basecoat or topcoat for bakelite, epoxy primer		UR-522, UR-175, UR-1907D	硬度。耐化性。密著 Hardness. Chemical resistance. Adhesion
工藝製品(防水) Arts and Crafts (waterproof)		UR-312, UR-168N	耐水性。耐候性。韌性 Water and weather resistance. Toughness
防水建材 Waterproof building materials		UR-538, UR-168N	耐水性。耐候性。韌性 Water and weather resistance. Toughness
鋼構儲槽 Steel Construction and Tank		UR-176N	耐候性。耐蝕性。耐酸鹼性。硬度 Weather and corrosion resistance. Acid and alkali resistance. Hardness

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
安全帽 Helmet	色漆、銀粉漆 Color paint. Metallic paint.	UR-728, UR-1907D	速硬化性。密著性 Fast curing. Adhesion
	清漆 Clearcoat	UR-2103A, UR-365N	外觀。豐滿度。硬化性。耐候性 Appearance. Fullness. Curing. Weather resistance
	單塗 One coat	UR-2103A	密著性。豐滿度 Adhesion. Fullness
汽車部品 Car component	金屬 Metal	UR-526, UR-522, UR-1907D	平坦性。耐汽油性。速硬化 Flatness. Gasoline resistance. Fast curing
	塑膠 Plastic	UR-517, UR-509N, UR-509, UR-2107, UR-2103A	外觀。豐滿度。硬化性。光澤 Appearance. Fullness. Curing. Gloss.
碳纖金油 Varnish for carbon fiber		UR-2103A, UR-517L, UR-2107	高豐滿度。外觀。硬度。耐溶劑 High fullness. Appearance. Hardness. Solvent resistance
IMD接著劑 IMD adhesive		UR-1184N	耐溫性。密著性 Temperature resistance. Adhesion
高爾夫球桿 Golf clubs		UR-517N, UR-518N-75%	消泡性。相容性。豐滿度。外觀 Defoamability. Compatibility. Fullness. Appearance
PC材質眼鏡框 Glasses frame of PU material		UR-1907D, UR-2106	密著性 Adhesion
尼龍加玻纖 Nylon and glass fiber		UR-1907D, UR-577	密著性 Adhesion
彈性漆 Elastic rubbery paint		UR-515, UR-2107	耐候性。光澤性 Weather resistance. Gloss
抗凍尼龍加玻纖 Frozen resistance of nylon and glass fiber		UR-312N	密著。抗凍性 Adhesion. Frozen resistance
原木封油 Wood sealer		UR-175	耐溶劑。封油性佳 Solvent resistance. Good seal oil ability
機車ABS外殼面漆金油 Varnish for motorcycle ABS shell		UR-517, UR-2107, UR-514	耐候性。豐滿度。光澤 Weather resistance. Fullness. Gloss
木紋紙 Grainy paper		UR-433N, UR-513, UR-168N-70, UR-147, UR-518	耐溶劑性。硬度。耐化性。光澤 Solvent resistance. Hardness. Chemical resistance. Gloss
PU跑道地板 PU track and floor		UR-538	韌性。耐候性。耐化性 Toughness. Weather and chemical resistance

## 胺基樹脂產品選擇指南

### Product selection guide for Amino Resin

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
酸硬化木工 Acid-curing wood	底漆 Primer	M-337	低臭。速硬化。可使用時間長 Low odor. Fast curing. Long pot life
	面漆 Topcoat	M-345F	低臭。光澤。可使用時間。耐水性 Low odor. Gloss. Pot life. Water resistance
醇酸樹脂烤漆 Baking enamel for alkyd resin		M-822F, M-28LN, M-820, M-868, M-829	光澤。密著性。安定性 Gloss. Adhesion. Stability
飽和聚酯烤漆 Baking enamel for saturated polyester		M-828, M-829, M-868, M-167N	相容性。硬度。密著性。耐衝擊 Compatibility. Hardness. Adhesion. Impact resistance
家電、一般工業用 Domestic appliances, general industrial		M-828, M-822F	相容性。物性。架橋性 Compatibility. Physical properties. Reactivity
自行車、輪圈 Bicycle. Wheel.		M-828	相容性。重塗性。架橋性。物性 Compatibility. Recoatability. Reactivity. Physical properties
汽車高級烤漆 High baking enamel for car		M-828, M-325	耐候性。相容性。耐蝕性 Weather and corrosion resistance. Compatibility
電鍍製品 Electroplating product		M-823N, M-325, M-320, M-868, M-822F	鮮映性。光澤性。相容性。硬度。 耐沸水性。耐化性。耐蝕性 Distinction of image. Gloss. Compatibility. Hardness. Boiling water, chemical and corrosion resistance
泛用金油 General varnish		M-320, M-325, M-823N, M-868, M-828, M-20SE	速架橋性。高厚膜性。硬度。相容性。耐蝕性 Fast reactivity. High thick film. Hardness. Compatibility. Corrosion resistance
罐頭金油 Varnish for can coating		M-651, M-823N, M-126	耐高溫殺菌性。加工性。硬化性 High temperature sterilization resistance. Processability. Curing
水性塗料 Water-based paint		M-325, M-327	速架橋性。高硬度。低臭 Fast reactivity. High hardness. Low odor
		M-320	架橋性。光澤。密著性。硬度。 耐溶劑。耐候性。耐化性 Reactivity. Gloss. Adhesion. Hardness. Solvent, Weather & Chemical resistance
		M-757	提升六甲氧基甲基三聚氰胺樹脂(HMMM)之流平性。 層間密著。物性。耐濕性 Improving leveling of hexamethyl melamine resin. Layer adhesion. Physical properties. Moisture resistance
環氧底漆 Epoxy primer		M-834	相容性 Compatibility



# 水性特化品產品選擇指南

## Production selection guide for Water-based Specialty Chemicals

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
塑膠、玻璃搪瓷、金屬、電鍍製等 Plastic. Glass enamel. Metal. Electroplating products		WU-908, NEW-2DN	密著性。耐水性。作業性。濕潤性。上下膜厚較一致 Adhesion. Water resistance. Workability. Wettability. Consistent film thickness
木工、籐器 Wood. cane-work	封閉底漆 Sealed Primer	AE-2267	速乾。乾膜透明性佳。對木紋孔隙填充性佳可封閉油脂 Fast drying. Good transparency to dry film. Good adhesion to the wood porosity. Good seal oil ability
	面漆 (桌面) Topcoat (desktop)	AE-1715	耐沸水。不回黏。耐冷熱循環。耐磨損。耐酒精。耐洗劑。高光澤 Boiling water resistance. Anti-blocking. Thermocycling. Abrasion & Alcohol & Washing resistance. High gloss
	其他(仿古) Others (Ancient imitating)	WP-66A	耐磨損。高光澤。抗回黏。作業性 Abrasion resistance. High gloss. Anti-blocking. Workability
環保碗 Green bowl		AE-8900	耐沸油水 Boiling oil-water resistance
石膏板 Plasterboard	底漆 Primer	AE-3050	密著性。塗刷性。延伸性 Adhesion. Brushability. Elongation
	面漆 Topcoat	AE-814A	速乾。光澤。抗回黏 Fast drying. Gloss. Anti-blocking
水性烤漆 Water-based baking enamel		WT-601	流平性。耐化性。耐蝕性。物性。密著性。耐酒精性。耐水性。硬度 Leveling. Chemical & Corrosion resistance. Physical properties. Adhesion & Alcohol & Water resistance. Hardness
廚房擦拭紙 Kitchen wiping paper		AE-8900	耐油性。耐水性 Oil and water resistance

## 丙烯酸乳化樹脂產品選擇指南 Product selection guide for Acrylic Emulsion

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
隔熱塗料 Thermal insulation paint		AE-6002-2*	抗張。附著。隔熱效率 Tensile. Adhesion. Thermal insulation efficiency
石頭漆 Stone paint	鏟刀型 Trowel type	AE-6006*	耐水。耐候。抗髒污性。接著 Water & Weather & Dirt resistance. Adhesion
	噴槍型 Spray gun type	AE-9006A*	耐水。耐候。接著 Water & Weather resistance. Adhesion
	保護層 Protection layer	AE-7411*	耐久性。耐沾污性。耐乾濕磨 Durability. Stain resistance. Dry and wet grinding resistance
磁磚漆 Tile varnish	40%面漆、底漆 40% topcoat and primer	AE-6007	耐水。耐候。密著 Water & Weather resistance. Adhesion
	45%面漆、底漆 45% topcoat and primer	AE-7411*	耐水。耐候。密著 Water & Weather resistance. Adhesion
矽酸鈣板塗飾 Calcium silicate board finishing		AE-3050	密著。離板。光澤 Adhesion. Platen release. Gloss
水泥漆 Cement paint	室內 Indoor	AE-3000	流平性。附著力佳 Leveling. Good adhesion
		AE-3003G	塗刷性佳。優異之耐擦洗性 Good brushability. Excellent scrub resistance
		AE-6000	耐水。耐鹼。附著力佳 Water & Alkali resistance. Good adhesion
	室外 Outdoor	AE-9001	光澤。耐水。耐鹼。耐候。高固成分 Gloss. Water & Alkali & Weather resistance. High solid content
		AE-9000-1	光澤。耐水。耐鹼。耐候。顏料分散性 Gloss. Water & Alkali & Weather resistance. Pigment dispersibility
		AE-6220	高光澤。耐沾污性 High gloss. Stain resistance
密著助劑 Adhesion agent		AE-6007	密著促進。耐鹼性 Adhesion promotion. Alkali resistance
防水 Waterproof	面漆 Topcoat	AE-9006A*	耐水性。耐沾污性。耐候性。光澤 Water & Stain & Weather resistance. Gloss
	底漆 Primer	AE-6002-2*	密著性。防水性。低Tg Adhesion. Waterproof. Low Tg
混凝土增強劑 Concrete reinforcing agent		AE-3700	屈曲性。耐衝擊性。抗擠壓強度。防水。耐候 Bendability, Impact & Crushing resistance, Waterproofing, Weather resistance

材質或應用 Material or Application		產品建議解決方案 Product Recommendations Solution	特性 Features
彈性水泥 Elastic cement	50%	AE-3635	低吸水性。黏著強度 Low water absorption. Adhesion strength
	50%	AE-3609-1J	防水性。低氣味。經濟型 Waterproof. Low odor. Low price
	50%	AE-3618	抗張。經濟型。低搖變性 Tensile. Low price. Low thixotropy
	54%	AE-3634	耐水。流動性。密著性 Water resistance. Flowability. Adhesion
	55%	AE-3601	和水泥摻混具良好彈性。防水性 Good elasticity for cement mixing. Water proof
彈性塗料 (單層49%) Elastic paint (single layer 49%)		AE-7660	耐候性。耐沾污性。彈性較好 Weather & Stain resistance. Good elasticity
		AE-7660-3	耐候性。耐沾污性。彈性較好 Weather & Stain resistance. Good elasticity
		AE-7650*	耐水。耐鹼。耐沾污性。一般彈性 Water & Alkali & Stain resistance. General elasticity.
彈性面漆、石頭漆、水泥漆 Elastic topcoat, stone paint and cement paint		AE-9006A*	環保。耐水。耐候 Environmental protection. Water & Weather resistance
底漆、補土、彈性塗料三合一 Primer, putty and elastic paint (three-in-one)		AE-6002-2*	耐水。耐鹼。良好的滲透性與柔軟性 Water & Alkali resistance. Good permeability and softness
		AE-300*	耐水。耐鹼。表面不黏 Water & Alkali resistance. Non-stick surface
填縫劑、補土(重質)、彈泥 Sealing agent, putty(heavy density of calcium carbonate) and elastic cement		AE-7750	高彈性。耐水。耐候。耐鹼 High elasticity. Water & Weather & Alkali resistance
屋頂防水塗料 Waterproof paint for roof		AE-7550	強韌。高固成份。耐水。耐溶劑 Toughness. High solid content. Water & Solvent resistance

Note: \*= soap free 無乳化劑

# 1. 胺基樹脂 Amino Resin

## (1) 異丁基化尿素三聚氰胺甲醛樹脂 iso-Butylated Urea Melamine Formaldehyde Resins



## (2) 正丁基尿素甲醛樹脂 n-Butylated Urea Formaldehyde Resins



## (3) 異丁基化三聚氰胺甲醛樹脂 iso-Butylated Melamine Formaldehyde Resins



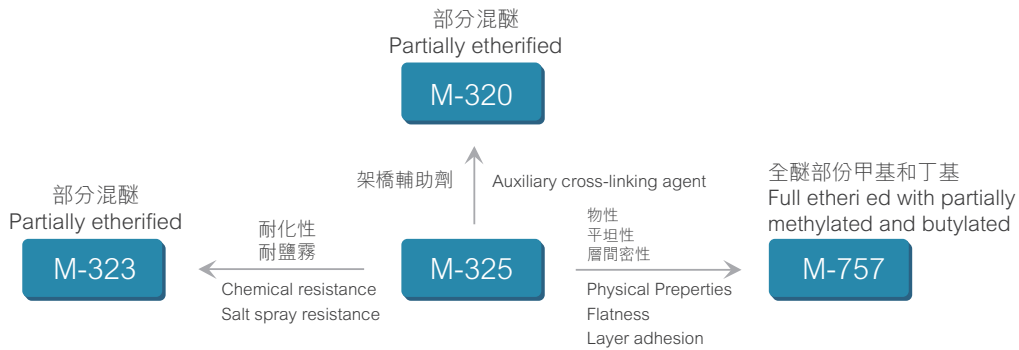
## (4) 丁基化三聚氰胺苯基胍胺甲醛樹脂 Butylated Melamine Benzoguanamine Formaldehyde Resins



## (5) 正丁基化三聚氰胺甲醛樹脂 n-Butylated Melamine Formaldehyde Resins

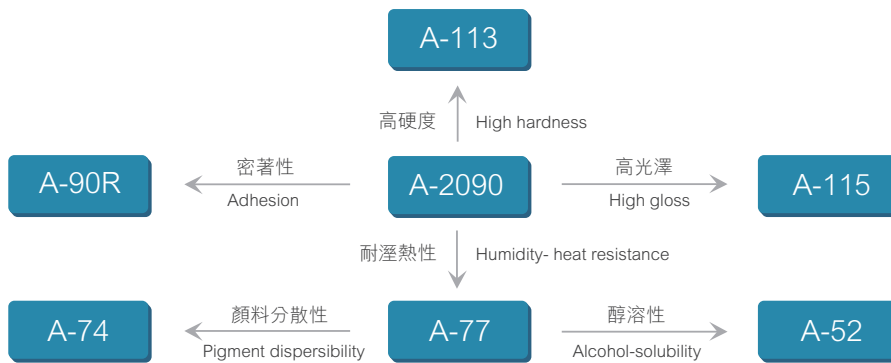


### (6) 甲基醚化及混醚三聚氰胺甲醛樹脂 Methylated Butylated Melamine Formaldehyde Resins



## 2. 熱可塑丙烯酸樹脂 Thermoplastic Acrylic Resin

### (1) ABS, PS, PC



### (2) 金屬 Metal



## 3. 熱硬化丙烯酸樹脂 Thermosetting Acrylic Resin

### (1) 家電, 一般工業用 Domestic Appliance and General Industrial



### 3. 熱硬化丙烯酸樹脂 Thermosetting Acrylic Resin

#### (2) 鋁合金鋼圈 Alloy Wheel Rim

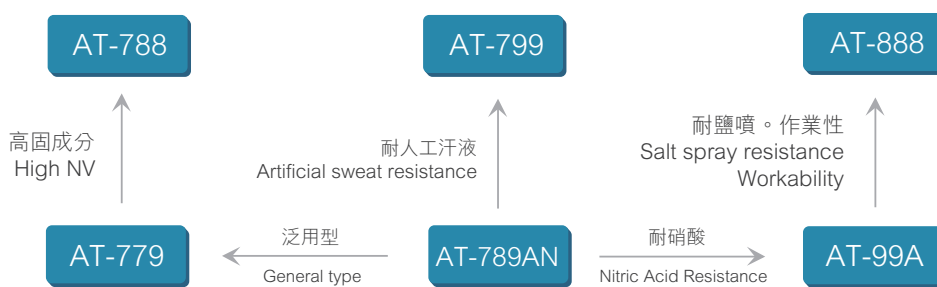


#### (3) 自行車 Bicycle

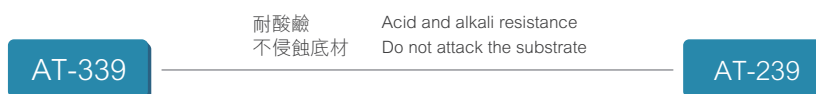


#### (4) 電鍍金油用 Varnish for Electroplating Products

##### (a) 丙烯酸共聚合物 Acrylic Copolymer



##### (b) 環氧變性 Epoxy modified





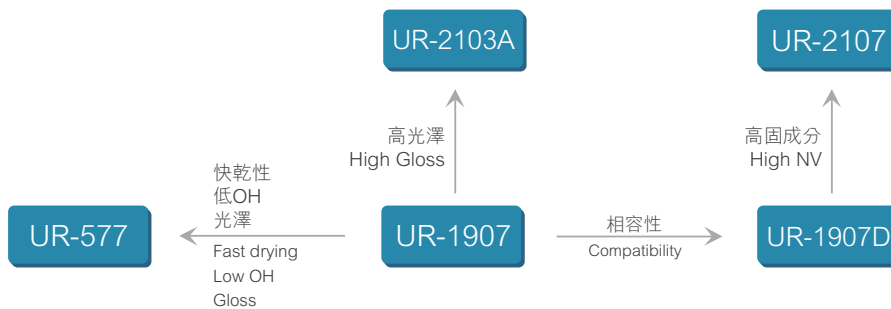
## 4. 二液型PU漆用丙烯酸多元醇 Acrylic Polyol Resin for 2K PU Paint

### (1) 金屬底材, 工程塑膠用 Metal and Engineering Plastic

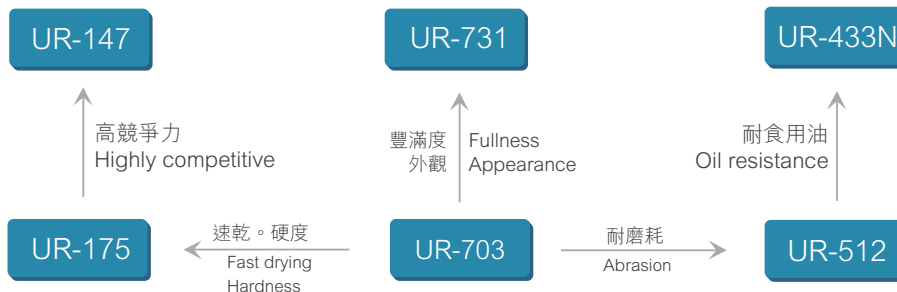
(a) 底漆, 銀粉漆 Basecoat & Metallic basecoat



(b) 面漆(單塗) Topcoat (Monocoat)



### (2) 木紋紙面漆 Top Coat for Wood Grain Paper



### (3) 機械儀器 Machine & Instrument

(a) 混合合成脂肪酸樹脂 Mixed with Synthetic Fatty Acid



## 4. 二液型PU漆用丙烯酸多元醇 Acrylic Polyol Resin for 2K PU Paint

### (3) 機械儀器 Machine & Instrument

(b) 單獨PU (PU Individual)

顏料分散性。速乾

UR-168N-3

Pigment dispersion  
Fast drying

(c) 混合短中油 Alkyd噴磁漆 Mixed with Short Oil or Medium Oil Alkyd Enamel

與短中油Alkyd相容性。速乾

B-99

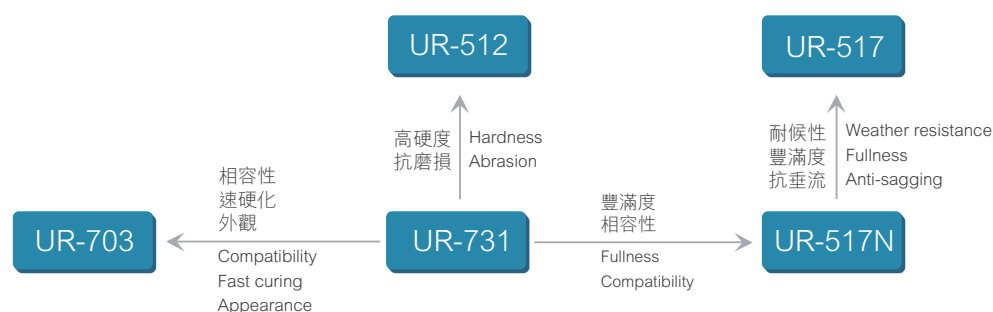
Compatible with Short-oil and Medium-oil Alkyd  
Fast drying

### (4) 木工傢俱 Varnish for Wood Furniture

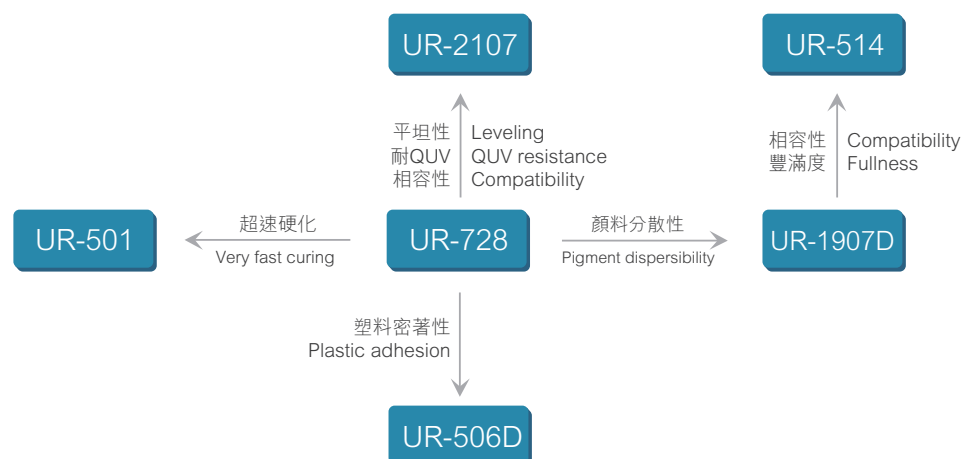
(a) 平光金油 Matting Varnish



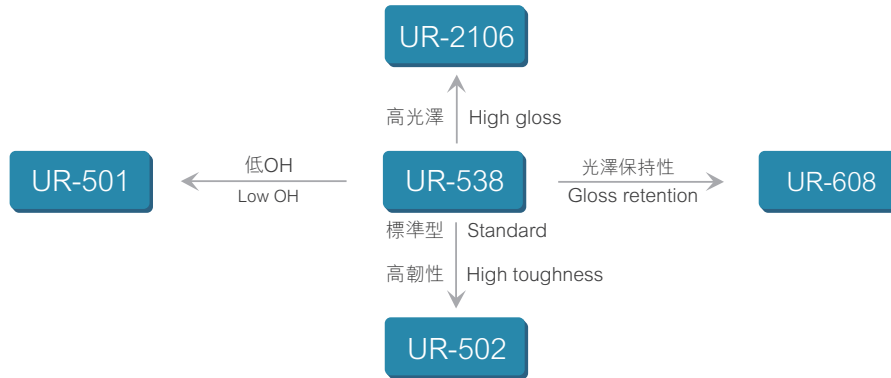
(b) 亮光金油 Glossy Varnish



### (5) ABS面漆 Topcoat for ABS

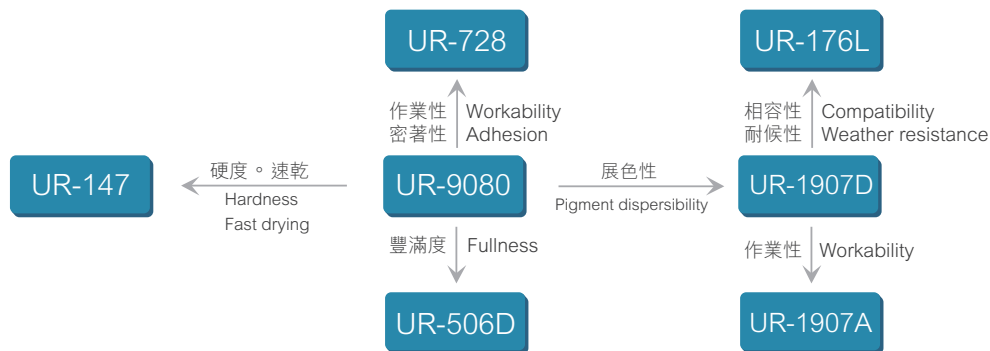


## (6) 防水建材用 Waterproofing Building Materials



## (7) 泛用及汽車修補 General & Auto-Refinish

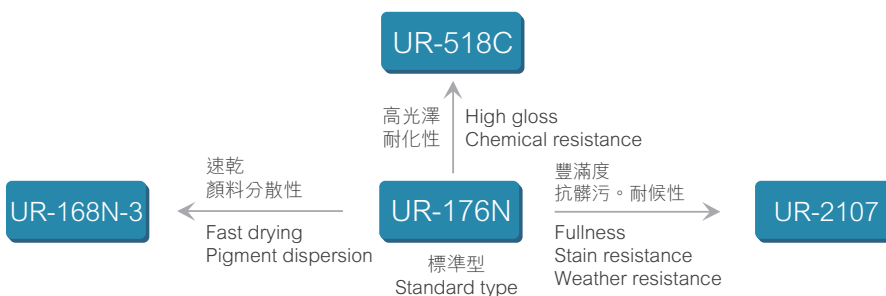
(a) 汽車修補底漆 Basecoat for Auto-Refinish



(b) 汽車修補面漆 Topcoat for Car Refinishes



## (8) 鋼構儲槽 Steel Construction and Tank



## 5. 工業塗料用水性丙烯酸樹脂

Water-based Acrylic Resin for General Industrial Coating

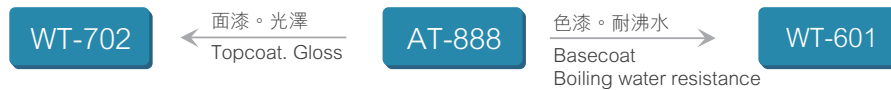
### 1. 水性熱可塑丙烯酸樹脂 Water-based Thermoplastic Acrylic Resin

NEW-2DN

### 2. 水性丙烯酸多元醇樹脂 Water-based Acrylic Polyol Resin

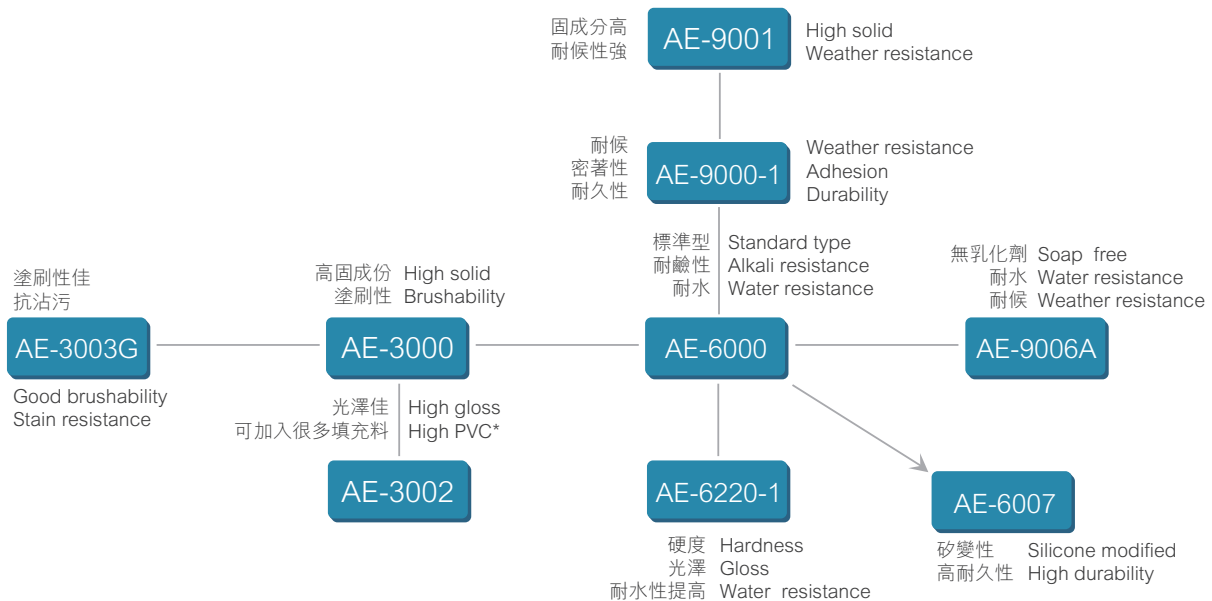


### 3. 水性熱硬化丙烯酸樹脂 Water-based Thermosetting Acrylic Resin



## 6. 防水建材用乳化樹脂 Acrylic Emulsion for Water-proof Building Materials

### (1) 內、外牆塗料用 Coating for Inside or Outside Wal



### (2) 彈性水泥用 Elasticity Cement Paint



### (3) 彈性塗料 Elastomer Paint

55%。複層彈性塗用(中層)。柔軟性  
55%。Two coat elasticity (Middle Layer).  
Softness

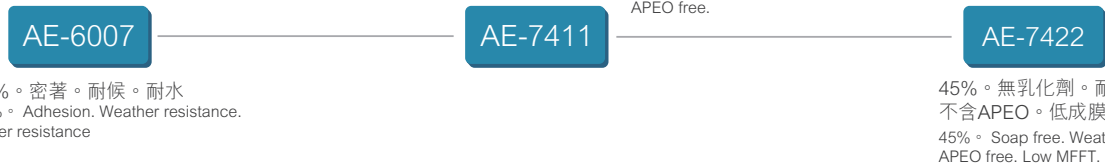
49%。抗張強度。噴塗性  
49%。Tensile strength. Sprayability

49%。耐候。耐水  
49%。Weather Resistance, Waterproof

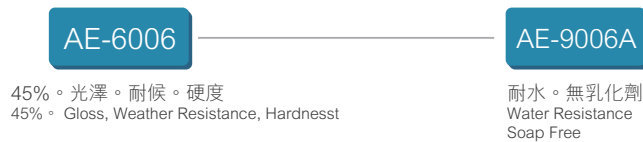


### (4) 磁磚漆 Tile Paint

45%。無乳化劑。耐候。耐水。不含APEO  
45%。Soap free. Weather and water resistance.  
APEO free.



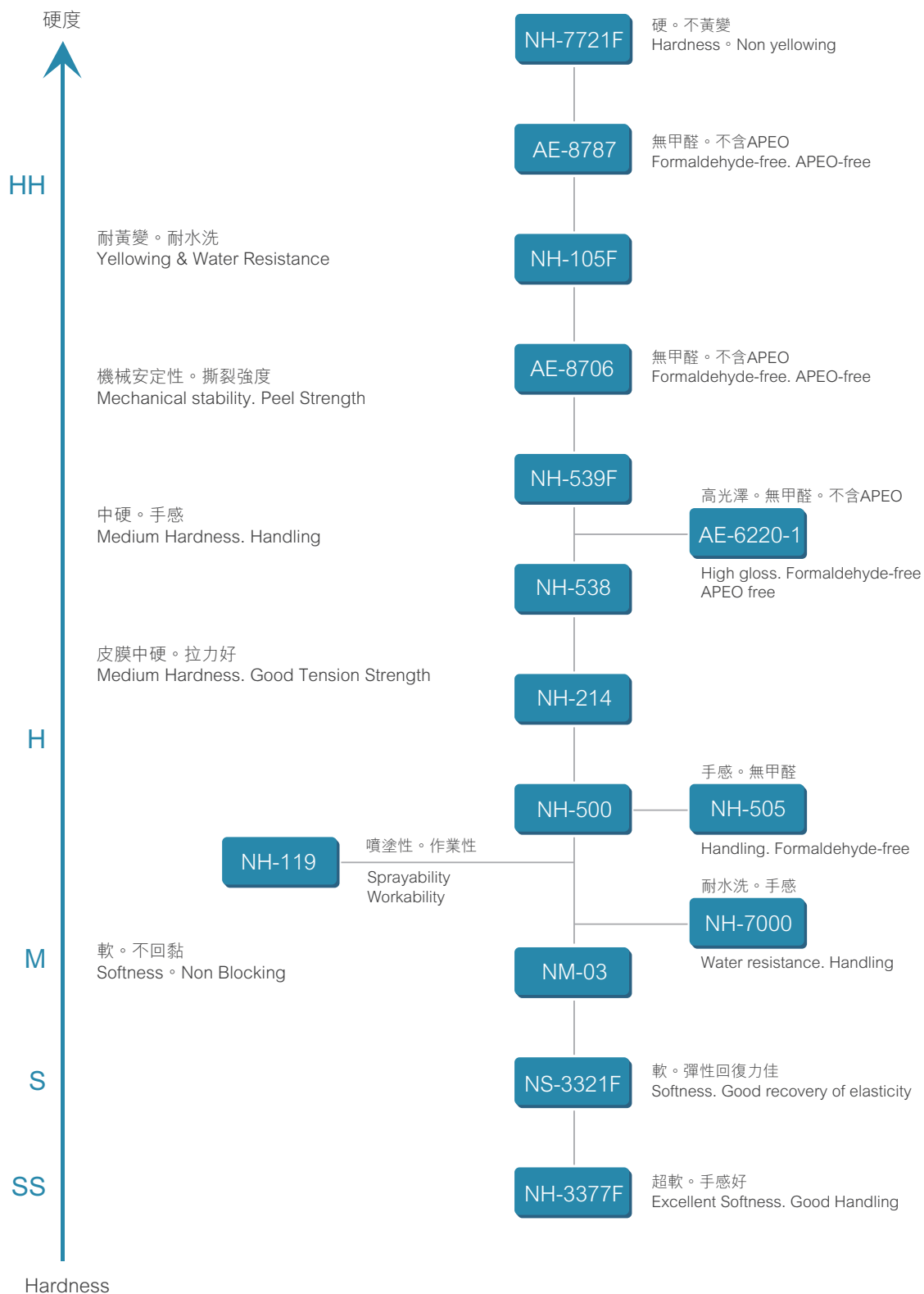
### (5) 石頭漆 Stone Paint



### (6) 水泥增強劑 Auxiliary Agent For Cement



## 7. 纖維加工用乳化樹脂 Acrylic Emulsion for Textile Finish





# 如何不斷提升企業競爭力

How to Continuously Upgrade Our Competitiveness

台灣塗料公會會員大會演講稿

Speech at the Convention of Taiwan Paint Industry Association

演講者 **Speaker** : 毛榮三 Asungo Mao

演講日期 **Date** : 2017-06-29

演講地點 **Location** : 台北國軍英雄館 Taipei Hero House

## ▶ 演講者介紹

毛榮三 先生

## ▶ 現職

優達樹脂化工股份有限公司董事長

## ▶ 學歷

國立台灣大學 化學工程學系 學士

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優達樹脂化工股份有限公司創辦人  
台南市國立台灣大學校友會榮譽理事長  
台南市工商發展投資策進會委員

## ▶ Introduction to the Speaker

Mr. Asungo Mao

## ▶ Current Position

The president of YUTA Resin Chemical Co., Ltd.

## ▶ Education

B. S. Dept. Chemical Engineering, National Taiwan University, Taiwan.

## ▶ Experience

The founder of YUTA Resin Chemical Co., Ltd.

The honorary chairman of Tainan Alumni Association of National Taiwan University.

The delegate of Tainan Industrial Development & Investment Promotion Committee.

## 演講流程

- 一 如何不斷提升企業競爭力
- 二 平衡計分卡帶給企業哪些優勢
- 三 如何跟顧客共創藍海

## Agenda

1. How to continuously upgrade our competitiveness .
2. The advantages that BSC brings to the Enterprises.
3. How to Create Blue Ocean with the Customers.



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YUTA RESIN CHEMICAL CO., LTD.  
Expert of Acrylic Resin & Amino Resin

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