

## 1. (a) 塗料用胺基樹脂 Amino Resin for Paint

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
<b>正丁基化尿素甲醛樹脂 N-Butylated Urea Formaldehyde Resin</b>							
M-835	60	≦ 10	J~L	≦ 4	BuOH MeOH	附著性。可撓性。與環氧樹脂相容性 Adhesion. Flexibility. Epoxy resin compatible	PCM、罐頭烤漆 Baking enamel for PCM & can coating
M-832	60	≦ 10	Q~R	≦ 4	BuOH MeOH	附著性。抗回黏。與環氧樹脂相容性 Adhesion. Blocking resistance. Epoxy resin compatible	
<b>異丁基化尿素三聚氰胺甲醛樹脂 iso-Butylated Urea/Melamine Formaldehyde Resin</b>							
M-337	65	≦ 10	Z3~Z5	≦ 3	Mixed alcohol	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
M-345F	60	≦ 10	S~V	≦ 3	Mixed alcohol	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
<b>異丁基化三聚氰胺尿素甲醛樹脂 iso-Butylated Melamine – Urea Formaldehyde Resin</b>							
M-28L	65	≦ 10	V~Y	≦ 3	BuOH XYL	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])
M-820	60	≦ 10	R~U	≦ 3	BuOH XYL	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
M-829	65	≦ 10	P~U	≦ 3	BuOH XYL	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
M-868	70	≦ 10	T~W	≦ 3	BuOH XYL	相容性。高豐滿度。高光澤。速架橋 Compatibility. High Fullness. High Gloss. Fast Curing	泛用烤漆用 Baking Enamel for General Purpose used
<b>異丁基化三聚氰胺甲醛樹脂 iso-Butylated Melamine Formaldehyde Resin</b>							
M-822F	62	≦ 10	P~T	≦ 3	BuOH	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
M-828	60	≦ 10	J~Q	≦ 2	IBA	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

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M-167N	60	≦ 10	R~U	≦ 2	BuOH XYL	硬度。物性 Hardness. Physical properties	聚酯與醇酸樹脂烤漆用 Baking enamel for polyester resin & alkyd resin
<b>丁基化三聚氰胺甲醛樹脂 N-Butylated Melamine Formaldehyde Resin</b>							
M-20SE	62	≦ 10	J~P	≦ 2	BuOH XYL	光澤。密著。耐候性。耐鹽霧性 Gloss, Adhesion, Wether Resistance, Salt spray Resistance	汽車用, PCM 製品用高級烤漆 Baking Enamels for Auto-motive and PCM
M-20LF	62	≦ 10	S~V	≦ 2	BuOH XYL	低游離甲醛。物性。耐候性。耐鹽霧性 Low FF, Physical Properties, Weather & Salt spray Resistance	PCM 製品用高級烤漆 Baking Enamels for PCM
<b>丁基化三聚氰胺苯基胍胺甲醛樹脂 Butylated Melamine/Benzoguanamine Formaldehyde Resin</b>							
M-821	60	≦ 10	J~N	≦ 2.5	BuOH	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.
M-823N	60	≦ 10	H~L	≦ 3	BuOH XYL	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
<b>部分醚化甲基丁基混醚三聚氰胺甲醛樹脂 Partially Methylated/n-Butylated Melamine Formaldehyde Resin</b>							
M-320	65	≦ 10	H~L	≦ 1	BuOH	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
M-325	80	≦ 10	X~Z1	≦ 3	IBA	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
M-327	90	≦ 10	Z2~Z5	≦ 3	IBA		
<b>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</b>							
M-757	98	≦ 10	X~Z1	≦ 1	BuOH	層間密著、物性、耐鹽噴。 Layer adhesion, physical properties and salt spray resistance	用於 OEM。PCM。水性烤漆。AED 等金屬底材面漆 Use as top coat for OEM. PCM. Water-soluble baking enamel and AED
<b>異丁基化苯基胍胺甲醛樹脂 iso-Butylated Benzoguanamine Formaldehyde Resin</b>							
M-127	60	≦ 10	D~H	≦ 2	S-100 BuOH XYL	保色性。硬度。耐水性。加工性。 Color retention. Hardness. Water resistance. Processability	罐頭烤漆。高級烤漆 Can coating baking enamel. High quality baking enamel

## 1.(b) 纖維加工用胺基樹脂 Amino Resin for Textile

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
<b>部份甲基醚化尿素三聚氰胺甲醛樹脂 Partial methylated Urea- Melamine Formaldehyde Resin</b>							
KM-60	65	≤ 50	A ~ F	PH 8.5 ~ 9.5	Water MeOH	防縮。防皺。使硬挺。低臭味。高安定性 Shrink Proof, Crease Proof and stiff finish, Low FF and Stability	綿, 合纖, 混合織物之防縮, 防皺, 硬挺, 反撥加工用 Shrink proof, Crease proof stiff finish and sharp finish for cellulose, synthetic fiber and blended fabrics
KM-95	80	≤ 50	S ~ V	PH 8.5 ~ 9.5	Water MeOH	架橋性佳。高硬度。安定性良好 Quick curing. Stiff finish. Pot life	乳化樹脂架橋劑 Curing agent for emulsion polymer

## 2. 特用熱塑型丙烯酸樹脂 Thermoplastic Acrylic Resin for Special Usage

品號 Product No.	固成份 NV[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	Tg (°C)	特性 Characteristics	主要用途 Applications
A-311	51	≤ 120	T~W	8~14	XYL BuOH	50	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
A-204	51	≤ 50	Y~Z2	≤ 8	TOL BuOH	-	金屬密著。可撓性。氯化 PP 相容 Adhesion with metaal. Flexibility. Compatible with Chlorinated polypropylene	非鐵金屬製品、PCM 鋼板修補漆 Coating for non-Fe metal and PCM stainless steel
A-1257	51	≤ 50	Z2~Z5	≤ 5	TOL BAC EAC	56	陶瓷。玻璃密著性。耐水性。耐候性 Ceramic. glass adhesion. Water & Weather resistance.	陶瓷、玻璃、金屬等之塗裝 Coating for ceramic glass, metal, etc.
A-63	55±1.5	≤ 50	Y~Z2	≤ 8	XYL BuOH	60	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.
B-99	51	≤ 100	V~Y	≤ 4	XYL IBA BAC	50	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	噴瓷漆、噴漆之改質劑 Modifying agent for lacquer & enamel
A-741	50	≤ 50	V ~ Y	≤ 5	XYL BuOH Bac		相容性。耐水性。耐化性。耐候性。密著 Compatibility. Water resistance. Chemical resistance. Weather resistance. Adhesion	汽車修補漆。PU 之銀粉底漆。一般金屬噴漆 Topcoat for car refinishes. Metallic primer for PU and lacquer for metal substrate

## 2. 特用熱塑型丙烯酸樹脂 Thermoplastic Acrylic Resin for Special Usage

品號 Product No.	固成份 NV[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	Tg (°C)	特性 Characteristics	主要用途 Applications
A-743	42~44	≤50	Z2~Z5	≤2	TOL MEK	50	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 primer for PU
A-743H	60	≤50	Z3~Z6	≤2	TOL MEK	88	耐候性。硬韌性。速乾。耐汽油 Weather resistance. Toughness. Fast drying. Gasoline resistance	汽車修補面漆 Topcoat for car refinishes
A-929	51	≤50	Z3~Z5	≤5	XYL	-	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
A-989	51	≤50	V~Y	≤5	XYL	-	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)
A-959H	51	≤50	Z4~Z7	≤4	TOL XYL	-	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	一般水泥漆 General purpose for cement paint
A-745	60±2	≤50	X~Z1	≤5	TOL BuOH	-	密著。光澤。肉厚感 Adhesion. Gloss. Fullness	真空電鍍清漆(金屬) Varnish for Vacuum Electroplated (metal)

## 3. 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[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	Tg (°C)	CAB-381	CAB-551	NC-1/4"	特性 Characteristics	主要用途 Applications
A-110	51	≤30	Z2~Z5	≤2	TOL MEK	104	X	O	O	硬度。速乾。耐可塑劑移行。耐酒精 Hardness. Fast drying. Plasticizer migration resistance. Alcohol resistance	PVC塗裝。色餅。色膏 PVC coating. Color-paste. Color-cake
A-80FB	51	≤30	Z~Z3	≤2	BAC	80	X	X	O	光澤。速乾。耐可塑劑移行。硬韌性 Gloss. Fast drying. Plasticizer migration resistance. Toughness	
A-113	51	≤30	Z~Z3	≤5	TOL MEK	112	O	O	O	高硬度。速乾。耐久性 High hardness. Fast drying. Durability	ABS、PVC耐酒精噴漆 Alcohol-resistant lacquer for ABS and PVC

### 3. 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[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	Tg (°C)	CAB-381	CAB-551	NC-1/4"	特性 Characteristics	主要用途 Applications
A-113L	60±2	≤30	W~Z	≤10	TOL MEK	105	0	0	0	光澤。作業性 Gloss. Workability	塑膠噴漆之光油 Varnish for plastics
A-77	53±2	≤30	Z5~Z7	≤2	TOL IBA MEK XYL	95	0	0	0	速乾。耐酒精。作業性。銀粉排列 Fast drying. Alcohol resistance. Workability. Al-orientation	ABS、PS、PC 塗裝 Coating for ABS、PS、PC
A-2090	52±1.5	≤50	Y~Z2	2~5	TOL MIBK BAC	50	0	0	0	底材及層間密著。銀粉排列。柔韌性 Substrate & Layer adhesion. Al-orientation. Flexibility	塑膠自乾漆。PU 烤漆。UV 之銀粉底漆 Self-dry coating for plastics. Baking enamel for PU. Metallic primer for UV
A-50N	51	≤50	V~Y	≤3	IPA TOL	50	0	0	0	光澤。醇類稀釋性。密著。顏料分散性 Gloss. Dilution of alcohol. Adhesion. Pigment dispersibility	PS、HIPS 塗裝用 Coating for PS & HIPS
A-52	51	≤50	Z5~Z8	≤8	IPA TOL	50	0	0	0	柔韌性。抗磨損。密著 Flexibility. Abrasion resistance. Adhesion	塑膠、金屬、木器、真空電鍍塗裝用 Coating for plastics, metal, wood and vacuum electroplating
A-68	51	≤50	Z4~Z7	2~6	TOL MIBK S-100	65	X	X	0	氯化 PP 相容。底材及層間密著。耐水性。硬 韌性 Chlorinated polypropylene compatible. Substrate & Layer adhesion. Water resistance. Toughness	PP 塗裝 Coating for PP
A-1209	51	≤50	X~Z1	≤8	TOL BA	82	X	X	0	硬度。速乾。耐酒精。不侵蝕底材 Hardness. Fast drying. Alcohol resistance. Non- corrosive on substrate	ABS、PS、PC、真空電鍍塗裝 Coating for ABS、PS、PC and vacuum electroplating
A-90R	52.5±1.5	≤50	Z5~Z7	≤6	TOL MIBK	93	0	0	0	速乾。硬度。光澤。耐候性。耐汽油性 Fast drying. Hardness. Gloss. Water&gasoline resistance	ABS、PS、PC 塗裝。汽車修補漆 Coating for ABS、PS、PC. Car refinishes.
A-74	51	≤50	W~Z	≤4	TOL NBA	74	0	0	0	顏料分散性。光澤 Pigment dispersibility. Gloss	ABS 色漆 Color paint for ABS

## 4. 金屬烤漆用熱固性丙烯酸樹脂 Thermosetting Acrylic Resin for Metallic Baking Enamel

品號 Product No.	固成份 NV[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
AT-103	51	≤60	Y~Z2	≤10	TOL BuOH	速乾。銀粉排列。2C1B Fast drying. Al-orientation. 2C1B	新車用銀粉底漆 Metallic primer for new cars
AT-225	55±2	≤50	Q~U	≤15	S-100 XYL BuOH	外觀。耐候性。耐化性 Appearance. Weather resistance. Chemical resistance	新車用色漆及金油 Varnish and color paint for new cars
AT-46A	51	≤50	U~X	≤6	XYL BuOH	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
AT-47	60±2	≤50	Z1~Z4	≤7	XYL BuOH		
AT-510H	60±2	≤50	Z~Z3	≤8	TOL IBA	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
AT-560N	51	≤100	V~Y	≤10	BuOH XYL	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
AT-570N	55±2	≤50	Z~Z3	≤10	S-100 BuOH	加工性。豐滿度。光澤。密著。耐沸水 Processability (Flexibility). Fullness. Gloss. Adhesion, Boiled water resistance	工業用烤漆(PCM)。三片罐上光金油 Industrial baking enamel (PCM). Varnish for three-piece cans
AT-523	60	≤100	X~Z1	≤12	S-100 S-150	低臭味。耐高溫殺菌性。加工性。光澤 Low odor. High-temperature sterilization resistance. Processability. Gloss	三片罐上光金油 Varnish for three-piece can
AT-580	60	≤50	W~Z	≤5	XYL BuOH	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
AT-20	69	≤50	Z1~Z4	≤8	XYL PMA NBA	豐滿度。外觀。高光澤 Fullness. Appearance. High gloss	

## 4. 金屬烤漆用熱固性丙烯酸樹脂 Thermosetting Acrylic Resin for Metallic Baking Enamel

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
AT-470	70	≤80	X-Z1	≤7	S-100 NBA	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 quality general varnish for wheel & bicycle.
AT-735E	70	≤80	X-Z1	≤10	XYL CAC BuOH	外觀。高光澤。豐滿度。重塗性。柔韌性 Appearance. High gloss. Fullness. Recoatability. Flexibility	腳踏車、一般工業用烤漆 Baking enamel for bicycle and general industrial
AT-65-1	65	≤80	Z-Z3	≤15	XYL NBA IBA	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	一般工業用金油 Varnish for general industrial
AT-99A	64	≤50	Z2~Z5	85±5	BCS PMA NBA	耐鹽水噴霧性。高光澤。豐滿度。密著性 Salt spray resistance. High gloss. Fullness. Adhesion	金屬電鍍製品用金油 Varnish for electroplating metal products
AT-788A	64	≤50	Z1~Z4	85±5	BCS	高光澤。豐滿度。耐鹽水噴霧性 High gloss. Fullness. Salt spray resistance	
AT-789	60	≤50	Z2~Z5	≤80	XYL PMA BCS	泛用型 General purpose type	
AT-767	60	≤50	Z4~Z7	≤80	XYL BCS PMA	高硬度。耐蝕性。密著性 High hardness. Corrosion resistance. Adhesion	
AT-779	60	≤50	Z2~Z5	≤80	TOL IBA	泛用型 General type.	
AT-799	57	≤50	Z-Z3	≤80	TOL IBA	耐酸性。耐汗液。外觀 Acid resistance. Sweat resistance. Appearance	
AT-720	53	≤50	Y-Z2	≤80	BCS	水油兩性。高硬度。密著。低溫硬化 For solvent & water based. High hardness. Adhesion. Low temperature curing	
AT-239	60	>200	Z1~Z4	≤50	BCS PMA IBA	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 Varnish for electroplating metal products of leather.

#### 4. 金屬烤漆用熱固性丙烯酸樹脂 Thermosetting Acrylic Resin for Metallic Baking Enamel

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	酸價 Acid Value (mgKOH/g)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
AT-101	75	≤50	Z4~Z7	≤11	XYL PMP	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 Baking Varnish for bicycle, Aluminum wheel and stainless steel
AT-888	62	≤50	Z3~Z5	62~72	BCS PMA NBA	高硬度。耐鹽霧性。密著性。耐酸性佳 High hardness. Salt spray resistance, Adhesion. Acid resistance	金屬電鍍製品等用金油 Varnish for electroplating metal products

#### 5. 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[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value	溶劑 Solvent	特性 Characteristics	主要用途 Applications
UR-501	51	≤50	Z2~Z5	16~20	1.0~1.2	≤6	XYL TOL	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
UR-9080	52.5±1.5	≤50	Y~Z2	28~32	1.6~1.8	≤2	TOL BAC MIBK	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)
UR-728	51	≤50	V~Y	28~33	1.7~2.0	≤6	TOL BAC	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	
UR-505	51	≤50	R~U	28~33	1.7~2.0	≤4	TOL BAC	ABS 密著。重工性佳。銀粉排列 ABS adhesion. Reworkable. Al-orientation	ABS 銀粉漆 Metallic paint for ABS
UR-1184N	51	≤50	Z3~Z6	31~35	1.8~2.1	≤5	BAC	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 primer. IMR adhesive



## 5. 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[%] ±1	色素 Color (APHA)	黏度 Viscosity (25°C Gardner)	OH Value (supplied)	OH Content [%] (on solids)	酸價 Acid Value	溶劑 Solvent	特性 Characteristics	主要用途 Applications
UR-2015	51	≤ 50	Z5~Z7	38~42	2.3~2.5	≤ 13	TOL BAC	耐酒精。抗磨損。抗回黏。相容性 Alcohol & Abrasion resistance. Blocking resistance. Compatibility	木器、塑膠、金屬等泛用塗料 General purpose coating for wood, plastics & metal
UR-538	51	≤ 50	U~X	38~42	2.3~2.5	≤ 8	XYL CAC	耐候性。硬韌性。耐化性。可使用時間長 Weather resistance. Toughness. Chemical resistance. Long pot life	建材防水及泛用型 Waterproof building material and general purpose
UR-502	51	≤ 50	X~Z2	24~27	1.5~1.6	≤ 2	XYL MEK	PET 密著。柔韌性 PET adhesion. Flexibility	PET、金屬等底漆色漆 Primer & color paint for PET & metal.
Ti-120N	56±2	≤ 80	W~Z1	18~20	1.6~1.8	≤ 2	XYL PMA	高濃度色膏之分散。特殊單體改性。相容性廣 Dispersibility of high concentration color-cake. 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. Dispersibility of organic and inorganic pigment
Ti-100	56±2	≤ 80	U~X			≤ 3			
Ti-217	56±2	≤ 100	Y~Z2			≤ 3			
Ti-220N	57.5±2	≤ 80	Z~Z3			≤ 3			
UR-1907D	60±2	≤ 80	Z3~Z6	34~38	1.6~1.8	≤ 3	TOL XYL BAC	密著。速乾。相容性 Adhesion. Fast drying. Compatibility	各種金屬底材及工程塑膠之面漆 Topcoat for a variety of metal substrate and engineering plastics
UR-176N	60	≤ 30	Z2~Z5	46~50	2.3~2.6	≤ 8	XYL BAC	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、金屬等清漆 Varnish for wood, inorganic material and metal
UR-522	60	≤ 50	X~Z1	50~55	2.5~2.8	6~9	XYL CAC	速硬化。耐候性。耐汽油 Fast curing. Weather resistance. Gasoline resistance	汽車修補用色漆及清漆 Clearcoat and color paint for car refinishes

## 5. 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	溶劑 Solvent	特性 Characteristics	主要用途 Applications
UR-168N	60	≤50	Z~Z3	48~53	2.4~2.7	≤7	XYL	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
UR-147	63	≤50	Z1~Z4	48~53	2.3~2.5	≤7	XYL	光澤。硬度。速乾 Gloss. Hardness. Fast drying	泛用經濟型面漆或二度底漆 Economically topcoat. Sanding sealer
UR-1204N	60	≤50	Y~Z2	60	3	≤10	XYL PMA	速硬化。高光澤。耐黃變 Fast curing. High gloss. Yellowing resistance	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)
UR-312	60±2	≤50	W~Z	31~35	1.8~2.1	≤5	XYL BAC CAC	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
UR-433	60	≤50	X~Z1	87~92	4.4~4.6	≤8	XYL BAC	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
UR-862	60	≤50	Z2~Z5	30~36	1.5~1.8	≤8	XYL	速乾。耐化性。耐候性 Fast drying. Chemical & weather resistance	速乾工業用底漆及面漆 Fast Drying industrial coating for primer and top coat
UR-2103A	65	≤80	Z2~Z5	53~57	2.5~2.7	≤10	XYL TOL PMA	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)
UR-365N	65	≤80	Z~Z3	82~88	4.0~4.3	7~11	PMA XYL	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
UR-550	65	≤80	Z3~Z5	64~68	3~3.1	≤8	XYL PMA	高光澤。耐重壓 High gloss. Press resistance	木器、金屬、機械用面漆 Topcoat for wood, metal and machine
UR-2107	69±2	≤80	Z3~Z6	74~79	3.2~3.6	≤3	BAC PMA	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) Clear coat and color paint for plastic (motorcycle)
UR-517	70	≤80	Z3~Z6	68~73	2.9~3.2	≤11	XYL PMA	豐滿度。耐候性。抗垂流 Fullness. Weather resistance. Sagging resistance.	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

## 5. 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	溶劑 Solvent	特性 Characteristics	主要用途 Applications
UR-515	70	≤80	Z2~Z5	74~79	3.2~3.6	≤8	XYL PMA	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
UR-518C	70	≤80	Z3~Z6	61~65	2.7~3.0	≤13	XYL PMA	速硬化。豐滿度。高光澤 Fast curing. Fullness. High gloss	汽車修補及泛用色漆及清漆 Color paint and clearcoat for car refinishes and general purpose
UR-518L	70	≤80	Z~Z3	68~73	2.9~3.2	≤12		外觀。豐滿度。高光澤 Fast curing. Appearance. Fullness. High gloss	
UR-517N	70	≤80	Z3~Z6	68~73	2.9~3.2	≤15		合成脂肪酸樹脂及 IL 硬化劑相容性。豐滿度。顏料分散性 Synthetic fatty acid resin and IL hardener compatibility. Fullness. Pigment dispersibility	木工、傢俱用面漆 Topcoat for woodwork and furniture
UR-519B	70	≤80	Z3~Z6	93~97	4.0~4.3	≤9	BAC	外觀。豐滿度。耐候性 Appearance. Fullness. Weather resistance.	汽車修補、機械、塑膠、木器等泛用面漆 Top coat for car refinishing, machine, plastics and wood
UR-870XP	70	≤80	Z1~Z4	90~95	3.9~4.1	≤9	XYL PMA	外觀。豐滿度。耐候性。耐化性 Appearance. Fullness. Weather resistance. Chemical resistance	
UR-867	70	≤80	Z2~Z5	57~67	2.5~2.9	≤8	BAC	高光澤。肉厚感。耐候性。耐化性。速乾 High gloss. Plumpness. Weather resistance. Chemical Resistance and fast drying	汽車修補及泛用色漆及清漆 Color paint and clear coat for car refinish and general purpose

### Determination of Polyisocyanate (Curing Agent) Quantity Requirement with Acyclic Polyol Resin (Base) 100g

丙烯酸多元醇樹脂 (主劑) 100g 和聚異氰酸鹽樹脂 (硬化劑) 的配合計算

Requirements 條件設定

key words	description	Unit 單位	說明
X	The weight of Curing Agent	g	硬化劑重量
Base	100g	g	100g
OH value	OH number as supplied (OH number on varnish)	mg KOH/g	主劑的 OH 值
OHS	OH number on solids	mg KOH/g	主劑對固成份的 OH 值
%OH	OH content on solids	%	主劑對固成份的 OH 基百分含量
%NCO	NCO content as supplied	%	硬化劑的 NCO 基百分含量
nvf	Non-volatile fraction of Base	%	主劑的固成份百分含量
eq. ratio	Equivalent ratio	-	當量比

Molecular weight 分子量(g/mol)

KOH=56.1	NCO=42	OH=17
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Formula 公式

$$\%OH = OHS \frac{mg(KOH)}{g} \times \frac{17}{56.1} \times \frac{10^{-3}g}{mg} \times 100\% = \frac{OHS}{33} \% = \frac{OH\ value}{33} \times \frac{100}{nvf} \%$$

例：UR-433 之 OH value=87，則 OH content=87/33×100/60=4.4%

OH mol/NCO mol=eq. ratio

$$\frac{100g(Base) \times \frac{nvf}{100} \times OHS \frac{mg(KOH)}{g} \times \frac{1}{56.1\ g/mol} \times \frac{10^{-3}g}{mg}}{X \times \frac{\%NCO}{100} \times \frac{1}{42\ g/mol}} = \frac{OH}{NCO} eq.\ ratio$$

$$X = 0.075 \times \frac{OHS \times nvf}{\%NCO} \times \frac{NCO}{OH} eq.\ ratio$$

$$X = 7.5 \times \frac{OH\ value}{\%NCO} \times \frac{NCO}{OH} eq.\ ratio$$

$$X = 7.5 \times \frac{OH\ value}{\%NCO} \text{ if eq. ratio=1}$$

例：硬化劑為 30%NCO，使用 100g 的 UR-433，需 7.5×87/30=21.75g

## 6. 貼合用樹脂 Resin for Adhesion

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, Brookfield LVT)	特性 Characteristics	主要用途 Applications
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 共聚合物 Acrylic copolymer	160~200°C× 1-2mins	27000~33000cps No4, 12rpm	柔軟。浸透性。防止表面松紋 Softness. Penetrability. Resistance of surface loosing	棉布、尼龍、特裡可得對泡棉、不 織布等材質之貼合 For adhesion of cotton, nylon, tricot to PU foam, non-woven fabrics, etc.
BD-1M	防水糊 Waterproof paste			160~200°C× 1-2mins	27000~33000cps No4, 12rpm	柔軟。接著性。耐水性。耐濕性。耐熱 性。低福馬林。無 APEO Softness. Excellent Adhesion. Water & Moisture & Heat resistance. Low formalin. APEO free.	
BD-700-1	強力接著劑 Strong adhesive			Room temp.× 5-7hrs	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
BD-707				Room temp.× 5-7hrs	10000~20000cps No4, 12rpm		

## 7. 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	特性 Characteristics	主要用途 Applications
ED-9	60	V~Y	IPA	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
ED-9H	65	Y~Z2	ECS		

## 8. 熱轉膜、燙金用樹脂 Resin for Hot Stamping

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
著色清漆丙烯酸樹脂 Acrylic Resin for Coloring Varnish						
AC-226	55	≤50	Z1~Z4	TOL BuOH	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
AC-200	45	≤50	Q~U	EtOH	高硬度。高耐熱性。燙印切邊良好 High hardness. Excellent heat resistance. Hot stamping foil with nice cutting edges	著色清漆用。油水兩用 Coloring varnish. Solvent & water based

## 8. 熱轉膜、燙金用樹脂 Resin for Hot Stamping

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C, Gardner)	溶劑 Solvent	特性 Characteristics	主要用途 Applications
AC-212	60	≤ 50	Z4~Z7	XYL PMA	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
AC-268	60	≤ 80	Z~Z3	XYL BAC	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	
著色清漆氨基樹脂 Amino Resin for Coloring Varnish						
RC-537	65	≤ 20	Z3~Z6	BuOH	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
RC-545	65	≤ 20	Y~Z2			
丙烯酸糊劑(背膠) Acrylic Sizings(Adhesive)						
AS-131	51±1	≤ 120	T~W	TOL BuOH	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
AS-163	55	≤ 50	X~Z1	XYL BuOH	對塑膠、鍍鋁層密著好。速乾。與氣醋樹脂相容性好 Good adhesion to plastics & aluminum-coated layer. Fast drying. Good compatibility with vinyl chloride/vinyl acetate resin.	
美耐命硬化劑 Melamine Curing Agents						
MC-532	65	≤ 20	H~L	BuOH	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
合成糊劑 Synthetic Sizings						
SS-118	40±1	微褐色 Slightly brown	T~W	TOL	密著。速乾 Adhesion. Fast drying	熱燙印 OPP 背膠 Hot stamping adhesive for OPP
酒精糊劑 AlcohI Glue						
A-811	56	≤ 50	28000 ±2000 cps	MeOH	速乾。銀粉白度佳。附著性佳 Fast drying, Whitening of Aluminum, Adhesion	冥紙轉移膜。小學生勞作接著劑 Transfer film for "Gods paper.", Adhesives for student handy work
A-810	56	≤ 50	15000 ~18000 cps	MeOH	速乾。銀粉白度佳。附著性佳 Fast drying, Whitening of Aluminum, Adhesion	冥紙轉移膜。小學生勞作接著劑 Transfer film for "Gods paper.", Adhesives for student handy work

## 9. 感壓膠 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>	特性 Characteristics	主要用途 Applications
UT-E39	電子膠帶 Electro conductive tape	M	45±1	4000±1500	12↑	1.8↑	24↑	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.
UT-E38		M	50±1	4000±1500	13↑	1.3↑	48↑	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.
UT-W7	隔熱膜 Tint glass film for windows and automobiles	P	40±1	5000±1500	14↑	1.0↑	100↑	一液型膠水。超透明。 One component adhesive. Clarity excellent.	汽車隔熱膜 solar window film
UT-W7H		P	40±1	5000±1500	3↑	1.0↑	100↑	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).
UT-P52H	廣告噴繪 Commercial Large sign board adhesive	M	50±1	4000±1500	18↑	1.1↑	50↑	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.
UT-P61		P	40±1	3000±1500	18↑	1.1↑	100↑	一液型膠水。中黏。 One component adhesive. Medium Adhesion.	冷裱膜 Cold Laminating Film
UT-P62		P	45±1	6000~9000	18↑	1.1↑	100↑	一液型膠水。中黏。 One component adhesive. Medium Adhesion.	冷裱膜 Cold Laminating Film
UT-R6		P	40±1	3000±1500	5↑	0.4~0.8	100↑	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.

## 9. 感壓膠 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>	特性 Characteristics	主要用途 Applications
UT-M7	醫療用膠帶 Medical operation tape	P	45±1	1500~4000	10↑	1.1↑	24↑	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 Medical operation tape.
UT-M7-1		P	45±1	8500~10500	20↑	0.8↑	24↑	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.	
UT-M8		M	50±1	1500~4000	10↑	1.6↑	24↑	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	
UT-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↑	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.
UT-N9-5		M	50±1	4000±1500	8↑	1.8↑	24↑	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.
UT-NT9		M	50±1	4000±1500	18↑	1.4↑	24↑	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.
UT-N7		P	40±1	3000±1500	14↑	1.1↑	50↑	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.
UT-R6		P	40±1	3000±1500	5↑	0.4~0.8	100↑	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).
UT-R12	M	40±1	1500~3500	13↑	1.2~1.6	100↑	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.	



## 10. 水性工業塗料樹脂 Water-Based Acrylic Resin for Industrial Coating

主成份 Component	品號 Product No.	固成份 NV[%]	pH	外觀 Appearance	黏度 Viscosity	特性 Characteristics	主要用途 Applications
無乳化劑 丙烯酸乳劑樹脂 Soap free acrylic emulsion	SPF-1H	36	7~8	乳白液 Milk white liquid	<200cps No.1, 60rpm	裂紋深刻且明顯。密著 Deep & apparent crackles. Adhesion	水性裂紋彩繪漆 Water-based crackling paint
丙烯酸乳劑樹脂 Acrylic emulsion	AE-2267	45	7.5~8.5		<400cps No.2, 60rpm	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 As sealer for wood (Water based)
醋酸乙烯酯 丙烯酸酯共聚合物 Vinyl acetate acrylic copolymer	AE-3050	50	4.5±1		500~2500cps No.2, 12rpm	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 tablet (primer)
特殊聚合物 Special polymer	AE-8900	38	8~9		<200cps No.1, 30rpm	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 environmental protection bowls. Greasy dirt resistance coating for kitchen paper
	AE-814A	37	7~8	乳黃液 Milk yellow liquid	<300cps No.3, 60rpm	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 tablet (clearcoat)
	WP-1715	40	8~9		< 100cps	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 coating
水溶性丙烯酸樹脂 Water-soluble acrylic resin	NEW-2DN	60	8~8.4	微黃透明液 Slightly yellow transparent liquid	Z2~Z5	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
	NEW-2A	60	7~9		Z1~Z4	耐水性。速乾。硬度。抗回黏。密著 Water resistance. Fast drying. Hardness. Anti-blocking. Adhesion	
	WP-66A	52	7~8		X~Z1	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 Lacquer clear coat for cane-work and "acient imitation" for wood coating

## 10. 水性工業塗料樹脂 Water-Based Acrylic Resin for Industrial Coating

品號 Product No.	固成份 NV[%] ±2	色素 Color (APHA)	黏度 Viscosity (25°C Gardner)	OH Value (supplied)	OH Content [%] (on solids)	pH Value	溶劑 Solvent	特性 Characteristics	主要用途 Applications
WU-906	51	≤50	X ~Z2	30	1.78	8~9	PM	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
WU-908	51	≤50	X ~Z2	15	0.89	8~9	PM	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	
WT-601	60	≤50	Z1 ~Z4	----	----	8~9	PM	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	
WT-702	69	≤50	Z4 ~Z7	----	----	----	PM	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, Flexibility	

## 11. 紙品表面處理劑 Polish Finishes for Paper Surface

主成份 Component	品號 Product No.	外觀 Appearance	pH	黏度 Viscosity (25°C, Gardner)	特性 Characteristics	主要用途 Applications
	BD-802	乳白液體 Milk white liquid	8±1	岩田杯 Itawa cup 18±2sec	壓線不剝離。塗膜透明不黃變。速乾。光澤。密著 Line-pressing without peeling-off. Transparent and non-yellowing film. Fast drying. Gloss. Adhesion	紙品與 OPP 膜接著劑 (水性乾式) Adhesive between paper and OPP film (water-based drying type)
	AE-814		7-8	岩田杯 Itawa cup 60~70sec	密著。塗膜透明不黃變。速乾。對 UV 油密著 Adhesion. Transparent and non-yellowing film. Fast drying. Good adhesion to UV finish	UV 打底油 UV Primer
	AE-815		8±0.5	300±50cps	外觀。光澤。耐油脂。抗回黏 Appearance. Gloss. Grease resistance. Anti-blocking	水性光油 Clear high gloss water-based overprint varnish (for off line)
	AE-818		7-8	岩田杯 Itawa cup 40~50sec	綿度。光澤。脫版性。速乾 Mirror like. Gloss. Detachability from hot press. Fast drying	水性磨光油 Water-based polish finish
丙烯酸酯 共聚合物 Acrylic copolymer	SP-17	微黃半透明 Slightly yellow semitransparent liquid	SC=53	X~Z	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 Oil-type polish finish for paper
	SP-728		-	W~Z	吸塑 (熱封) 性。綿度。光澤。脫版性 Property of vacuum formed (thermal sealed). Mirror like. Gloss. Detachability from hot press	磨光、吸塑、磨光吸塑三合一紙上光劑(油性) Three-in-one polish finish for polish, vacuum formed and polish plus vacuum formed
	A-808		-	W~Z	高吸塑性 High property of vacuum formed	吸塑紙上光劑, UV 塗料韌性促進劑 Polish finish for vacuum formed. Acceralator for UV coating

## 12. 防水建材用乳化樹脂 Acrylic Emulsion for Waterproof Building Materials

主成份 Component	品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield LVT)	外觀 Appearance	特性 Characteristics	主要用途 Applications
矽變性丙烯酸樹脂 Silicone modifier acrylic resin	AE-6007	7.8~8.5	5000~9000cps No.3, 12rpm	乳白液體 Milk white liquid	矽變性。耐候性。抗張強度佳。光澤保持率 Silicone modifier. Weather resistance. Good tensile strength. Gloss retention	磁磚清漆 Tile varnish
	AE-7411	8±1	5000~10000cps No.3, 12rpm		矽變性。耐候性。抗張強度佳。光澤保持率。不含 APEO Silicone modifier. 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
	AE-7449	8±1	5000~10000cps No.3, 12rpm		矽變性。附著性。抗回黏。不含 APEO 及福馬林 Silicone modifier. 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
	AE-7422	8±1	5000~10000cps No.3, 12rpm		矽變性。耐候性。抗張強度佳。光澤保持率。不含 APEO。矽含量高 Silicone modifier. 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
特殊合成樹脂 Special synthetic resin	AE-3003G	4.5±1	1500~3500cps No.4, 60rpm		耐水性。耐鹼性強。優異之耐擦洗性 Water & alkali resistance. Good brushability	內牆塗料 Interior paints
醋酸乙烯丙烯酸酯 共聚合物 Vinyl acetate acrylic copolymer	AE-3002	4~5	1200~1800cps No.3, 12rpm		光澤度佳。可加入很多填充料 High gloss. High PVC(Pigment Volume Concentration)	
	AE-3000	4~5	2000~5000cps No.4, 60rpm		塗刷性。光澤。平坦性。密著。防水 Excellent brushability. Gloss. Leveling. Adhesion. Waterproof	
苯乙烯丙烯酸酯 共聚合物 Styrene acrylic copolymer	AE-6000	7.5~8.5	<2000cps No.2, 12rpm		防水。耐鹼性。光澤。密著 Waterproof. Alkali resistance. Gloss. Adhesion	室內水性水泥漆 Interior water-based cement paint
	AE-9800	8±1	500~1500cps No.4, 60rpm		防水。耐鹼性。高固成份。 Waterproof. Alkali resistance. High Solid Content	
	AE-6002-2	7.5~8.5	1500~3500cps No.3, 30rpm		防水。耐鹼性。優良的附著力 Waterproof. Alkali resistance. Excellent adhesion	補土(輕質)、彈性塗料、透明底漆 Putty(light density)、elastic paint、clear primer
	AE-300	8~9	1500~4500cps No.4, 60rpm		防水。耐鹼性。優良的附著力，表面不回黏 Waterproof. Alkali resistance. Excellent adhesion, surface tack free	
	AE-6220-2	8~9	<200cps No.1, 30rpm		高光澤。防水優。耐鹼性。耐候性。抗回黏。不含 APEO High gloss. Good waterproof. Alkali & Weather resistance. Anti-blocking. APEO free	外部水性水泥漆 Exterior water-based cement paint
丙烯酸酯	AE-9000-1	8~9	<500cps No.2, 60rpm		耐候性。防水。耐鹼性。顏料分散性 Weather resistance. Waterproof. Alkali resistance. Pigment dispersibility	

## 12. 防水建材用乳化樹脂 Acrylic Emulsion for Waterproof Building Materials

主成份 Component	品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield LVT)	外觀 Appearance	特性 Characteristics	主要用途 Applications
共聚合物 Acrylic copolymer	AE-9001	8±1	<2500cps No.2, 12rpm		耐候性。防水。耐鹼性。顏料分散性 Weather resistance. Waterproof. Alkali resistance. Pigment dispersibility	
	AE-3601	7~8.5	1500±500cps No.3, 30rpm		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 waterproof composite with cement	
丙烯酸酯 共聚合物 Acrylic copolymer	AE-3634	7~8	4000~5000cps No.4, 60rpm	乳白液體 Milk white liquid	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 waterproof composite with cement. APEO free	混凝土防水劑 Waterproof agent for concrete
	AE-3609-1J	4±1	1700~2700cps No.4, 60rpm		提高耐衝擊性、韌性及防水、低氣味 Improving impact strength, toughness & waterproof. Low odor	
	AE-3618	5.5±1.5	1500~4000cps No.4, 60rpm		提高撕裂強度、韌性及防水、塗刷性 Improving tear strength, toughness & waterproof, brushability	
	AE-3700	7±1	<500cps No.2, 60rpm		提高耐衝擊性、韌性、抗張強度及防水 Improving the cement properties such as impact resistance, toughness, tensile strength & waterproof	混凝土增強劑 Modify agent for cement
	AE-6006	8.5~9.5	<4000cps No.3, 30pm		防水。耐候性佳。光澤好 Waterproof. Weather resistance. Good gloss	室內外石頭漆噴磁漆 Interior & exterior stone paint texture paint
	AE-9006A	8.0~9.5	1000~2500 cps No.2, 12pm		防水。耐候性佳。彈性好 Waterproof. Weather resistance. Good elasticity	面塗用高防水水泥漆及彈性樹脂 Waterproof paint & elastic resin for topcoat
	AE-7550	6.5~7.5	<1000cps No.2, 30rpm		彈性佳。防水。耐候性 Good elasticity. Waterproof. Weather resistance	彈性補土 Elastic Putty
	AE-7650	8~9	1500~4500cps No.4, 60rpm			
	AE-7660-3	7.5~9	1500~3500cps No.4, 60rpm		防水。耐鹼性。耐污染。一般彈性 Waterproof. Alkali & Staining & Graffiti resistance. General elasticity	用於單層彈性塗料 Single coat elastic paint
	AE-7660	8~9	1500~3500cps No.4, 60rpm			
AE-7750	7.5~8.5	1000~3000cps No.4, 60rpm	耐候性。防水。耐鹼性。高彈性 Weather resistance. Waterproof. Alkali resistance. Excellent elasticity	彈性水泥。填縫劑 Elastic cement. Caulking agent		

## 12. 防水建材用乳化樹脂 Acrylic Emulsion for Waterproof Building Materials

主成份 Component	品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield LVT)	外觀 Appearance	特性 Characteristics	主要用途 Applications
丙烯酸酯 共聚物 Acrylic copolymer	AE-2267	8 ~9	<400cps No.2, 60rpm	乳白液體 Milk white liquid	抗單寧酸底漆。防鏽蝕。撥水性與密著性 Tannic acid Resistance for primer, Corrosion Resistance, Hydrophobic and adhesion	水性木器封閉底漆。金屬底漆。防水漆 Water based wood coating sealer, metal primer and water proofing paint
	AE-3636	7.5 ~9	<1000cps No.2, 30rpm	乳白液體 Milk white liquid	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 Water proofing agent for concrete, Good elongation cement paint for exterior wall
	AE-3635	8±1	2000~4000cps No.4,60rpm	乳白液體 Milk white liquid	耐候性佳。與水泥形成複合式防水材 Weather resistance, Form as waterproofing composite material with cement	混凝土防水劑 Water proofing agent for concrete

## 13. 水噴式與氣噴式織布機糊劑 Water Jet & Air Jet Loom Sizing Agent

主成份 Component	品號 Product No.	pH (2%, 20°C)	黏度 Viscosity (25°C, Brookfield LVT)	外觀 Appearance	特性 Characteristics	主要用途 Applications
丙烯酸酯 共聚物 Acrylic copolymer	J-3912	7.5~8.5	<1000cps No.1, 60rpm	微黃半透明液體 Slightly yellow translucent liquid	耐水性。接著性。凝聚性。精練性佳。不落硬糊 Water resistance. Adhesion. Cohesion. Scour. Rarely falling of hardy glue	水噴式織布機聚酯長纖維用糊劑 Water jet loom sizing agent for polyester filament
	NK-200	7.0~8.0	<1000cps No.1, 60rpm		滲透性。接著性。皮膜強韌性。織布過程糊膜吸濕、膨潤、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 hardy glue	水噴式織布機耐龍長纖維用糊劑 Water jet loom sizing agent for nylon filament
	NK-250	7.0~8.0	<1000cps No.2, 30rpm		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. Scour	氣噴式織布機用綜合漿料 Sizing agent for air jet looms
特殊合成樹脂 Special synthetic resin	AT-300	7.0~8.0	<500cps No.2, 30rpm		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 丹尼以下尼龍和特多龍超細纖維提升其織造效率 Improvement in weaving efficiency of nylon and tetoron microfiber under 50 denier
	J-7N	7.0~8.0	<300cps No.1, 60rpm			

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

品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield)	硬度 Film Hardness	成膜溫度 MFFT(°C)	粒子荷電 Particle Charge	特性 Characteristics	主要用途 Applications
AE-8727	7.8~9.5	<500cps No.2, 60rpm	HH	110	陰離子 Anionic	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	硬性不織布加工 Hard non-woven fabrics finish
AE-8787	8.0±1.0	<500cps No.1, 12rpm	HH	110	陰離子 Anionic		
AE-8706-40	7.8~9.5	<2000cps No.2, 30rpm	H	99	陰離子 Anionic		
AE-8706F	7.8~9.5	<2000cps No.2, 30rpm	H	99	陰離子 Anionic	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	硬性不織布泡沫加工 Hard non-woven fabrics foaming finish
AE-8727F	7.8~9.5	<500cps No.2, 60rpm	HH	110	陰離子 Anionic	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	
NH-1005F	7.5~9	<300cps No.2, 60rpm	H	47	陰離子 Anionic	硬度高。耐水性。化學安定性優異 High hardness. Water resistance. Excellent chemical stability	
NH-105F	7.0±1.0	<300cps No.2, 60rpm	H	105	陰離子 Anionic	硬度。耐黃變佳。耐水洗佳 Hardness. Good yellowing resistance. Good wash resistance	
NH-105FN	7.5~9	<300cps No.2, 60rpm	H	72	陰離子 Anionic	手感佳硬樹脂。起泡性良 Good handing hard resin. Excellent foaming property	
FB-1-44	8.0~9.0	<300cps No.1, 12rpm	S	<0	陰/非離子 Anionic/Nonionic	手感柔軟。洗滌堅牢度佳 Soft handling. Excellent durability for washing	印花加工用附著劑 Binder for pigment printing
FB-1-40	8~9	<300cps No.1, 12rpm	S	<0	陰/非離子 Anionic/Nonionic	洗滌堅牢度佳。皮膜透明性良 Excellent durability for washing. High clear film	
FB-1-36	8.0~9.0	<2000cps No.1, 12rpm	S	<0	陰/非離子 Anionic/Nonionic		
F-2277	7~8.5	<500cps No.2, 60rpm	S	<0	陰/非離子 Anionic/Nonionic	手感適中。乾濕磨堅牢度優。不含 APEO。無甲醛 Suitable handling. Good dry and wet-rub fastness. APEO free. Formaldehyde free	
FA-50	6.0±1.0	<50cps No.3, 60rpm	S	<0	陰/非離子 Anionic/Nonionic	手感適中。乾濕磨堅牢度優。遮蓋力好 Suitable handling. Good dry and wet-rub fastness. Good hiding power	

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

品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield)	硬度 Film Hardness	成膜溫度 MFFT(°C)	粒子荷電 Particle Charge	特性 Characteristics	主要用途 Applications
NH-119	6~7	<100cps No.1, 60rpm	H	25	陰/非離子 Anionic/Nonionic	手感好。彈性回復力佳 Good handling. Good compression recovery and resilience	座墊、成衣用、樹脂棉用樹脂 Resin bond fiberfill for garments & seat cushion
NH-118	6.5 ~ 7.5	<100cps No.1, 60rpm	H	25	陰/非離子 Anionic/Nonionic	耐黃變性。高抗張強度。無福馬林。不含 APEO Good yellowing resistance, High Tensile Strength, Formalin & APEO free	座墊、成衣用、樹脂棉用樹脂 Resin bond fiberfill for garments & seat cushion
NH-214	6.2~7.2	<100cps No.1, 60rpm	H	47	陰離子 Anionic	皮膜強硬。耐洗滌。耐乾洗性。機械安定性 Hard film. Durability for washing. Dry cleaning resistance. Excellent mechanical stability	不織布 spray 加工。觸感調節劑 Non-woven fabrics spray finish. Touch modifier
NH-500	7.0~8.0	<50cps No.1, 60rpm	H	30	陰離子 Anionic	皮膜強硬。可撓性。耐水性。耐溶劑。耐熱性。接著性 Hard film. Flexibility. Excellent water & Solvent & Heat resistance. Adhesion	
NH-538	8±1	<100cps No.1, 60rpm	H	60	陰離子 Anionic	皮膜強硬。耐水性。耐熱性。不含 APEO 及甲醛 Hard film. Water & Heat resistance. APEO & Formaline free	
NH-539	6.0±1.0	<100cps No.1, 30rpm	H	88	陰/非離子 Anionic/Nonionic	皮膜強硬。機械安定性。耐水性。接著性 Hard film. Excellent mechanical stability. Water resistance. Adhesion	
NH-539F	6.0±1.0	<200cps No.1, 30rpm	H	88	陰/非離子 Anionic/Nonionic	皮膜中硬。機械安定性。耐水性。接著性 Middle hard film. Excellent mechanical stability. Water resistance. Adhesion	
NH-7721F	6.5~7.5	<200cps No.2, 60rpm	HH	150	陰離子 Anionic	硬度高。耐水性。耐溶劑。接著性。機械安定性 Excellent hardness. Water & Solvent resistance. Adhesion. Mechanical stability	不織布硬挺加工 Stiff finish for non-woven fabrics
DM-344	8.0~9.0	3000~4000cps No.3, 30rpm	S	<0	陰/非離子 Anionic/Nonionic	柔軟且富彈性。加工性佳 Softness and elasticity. Processability	人造花葉加工用膠料(底漆) Binder for artificial flowers (primer)
NP-617	5.8~7	8000±2000cps No.4, 30rpm	M	-	陰離子 Anionic	富彈性。光澤。加工性佳。抗回黏佳 Good elasticity. Gloss. Processability. Anti-blocking	人造花葉加工用膠料(面漆) Binder for artificial flowers (topcoat)
NS-230	5.0~5.8	<200cps No.2, 60rpm	SS	<0	陰/非離子 Anionic/Nonionic	滲透能力佳。不會脫毛。增強纖維之耐洗性、硬度及堅牢度 Excellent penetrability. No depilating. Increasing washing resistance, hardness and fastness for textiles	毛絨布、窗布、地毯等纖維製品之背膠及上漿處理 Rug backing, sizing and various textiles finishing agent



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

品號 Product No.	pH	黏度 Viscosity (25°C, Brookfield)	硬度 Film Hardness	成膜溫度 MFFT(°C)	粒子荷電 Particle Charge	特性 Characteristics	主要用途 Applications
NS-235	7±1	<100cps No.1, 60rpm	S	<0	陰離子 Anionic	滲透能力佳。不會脫毛。增強纖維之耐洗性、硬度及堅牢度 Excellent penetrability. No depilating. Increasing washing resistance, hardness and fastness for textiles	
NS-3035	7.0~8.0	<500cps No.2, 30rpm	S	<0	陰/非離子 Anionic/Nonionic	軟質。接著性極佳。耐溶劑佳。鹼性增黏 Soft. Excellent adhesion. Solvent resistance. Alkali thickenable	布、紙植毛加工 Flocking binder for cloth & paper
NS-3043	5.5~7.5	<200cps No.2, 30rpm	S	<0	弱陰離子/非離子 Weak Anionic/Nonionic	接著性極佳。耐水性極佳。鹼性增黏 Excellent adhesion. Water resistance. Alkali thickenable	
NS-3045	5.5~7.5	<500cps No.2, 30rpm	S	<0	陰/非離子 Anionic/Nonionic	耐水性佳。耐溶劑佳。安定性。接著性 Excellent water & Solvent resistance. Stability. Adhesion	植毛。貼合 Flocking binder. Laminating binder
NS-3322	6±0.5	200~600cps No.2, 60rpm	S	<0	陰離子 Anionic	柔軟。抗張強度強。不黏滾筒 Softness. High tensile strength. No tack roller	
NS-2002F	7.5~9	<2000cps No.2, 60rpm	S	<0	陰/非離子 Anionic/Nonionic	觸感柔軟。顏料分散性 Soft handling. Excellent pigment dispersibility	
NS-3321F	5.5~6.5	200~500cps No.2, 30rpm	S	<0	陰離子 Anionic	強吸水性軟樹脂。起泡性良 Soft resin with strong water absorption. Excellent foaming property	軟性不織布泡沫加工 Soft non-woven fabrics finish
NS-3377F	6±1	<500cps No.2, 60rpm	SS	<0	陰/非離子 Anionic/Nonionic	起泡性良。機械安定性 Excellent foaming property & Mechanical stability	
NS-480H	7.0±1.0	<200cps No.1, 30rpm	H	<50	陰離子 Anionic	高機械安定性。耐水性。耐溶劑 High mechanical stability. Water and solvent resistance	樹脂棉專用 Resin cotton
NH-7000	2.0~3.0	<100cps No.1, 60rpm	H	20	陰離子 Anionic	皮膜觸感佳。耐水性。耐溶劑。膨鬆 Excellent handling. Water resistance. Solvent resistance. Puffy	樹脂棉 spray 加工 Resin cotton spray finish
NM-03	6.5~7.5	<100cps No.1, 60rpm	M	10	陰離子 Anionic	皮膜觸感佳。耐水。耐溶劑。膨鬆 Excellent soft to touch. Water & Solvent resistance. Puffy	樹脂棉 spray 加工 Resin cotton spray finish

## 15. 皮革用樹脂 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, Brookfield LVT)	特性 Characteristics	主要用途 Applications
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	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
F-2200				70~90°C× 3~5mins	<200cps No.1, 30rpm	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. Bonding thermoplastic. Good handling. Give gloss & beauty to leather products	皮革表面染色加工(底層) For leather surface finish (primer)
F-50	皮革用樹脂 Binder for leather finish	微透明液體 Slightly Transparent liquid		70~90°C× 3~5mins	<50cps No.1, 60rpm	粒徑小。浸透性佳 Small particle size. Good penetrability	皮革塗飾用(底層) Leather finish (bottom coat)
F-50-1				70~90°C× 3~5mins	<100cps No.1, 60rpm	粒徑小。浸透性佳。無甲醛。不含 APEO Small particle size. Good penetrability. Formaldehyde free. APEO free	
F-57-1				120°C× 5mins	<500cps No.2, 60rpm	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
F-58-1				120°C× 5mins	<100cps No.2, 60rpm	熱可塑性。中等硬度。低疊粘性。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) For leather finish (middle & top coat)