

Thermoplastic Solid Acrylic Resin

ITEM NO.		BA-66	BA-V8	BA-HV	BA-725
Specification	Appearance	White Powder	White powder	White granular	White Powder
	M.W	70,000	62000	62000	60000
	Solid Content (%)	100%	100%	100%	100%
	Acid Value (mgKOH/g)	3-6	4	18-35	5~8
	Tg (°C)	50	52	45	61
	Softening point (°C)	130-150	130-140	115-130	145-160 °C
	Viscosity (mpa.s)	2000-4000 (51% in Toluene)	2000-4000 (50% in Xylene)	250-450 (37.5% in toluene)	250-450 (40% in toluene at 25°C)
Solvent	Esters, Ketones	Eesters, Ketones and Aromatics	Eesters, Ketones and Aromatics	Eesters, Ketones and Aromatics	
Characters	<ol style="list-style-type: none"> 1. Super luster and rigidity. 2. With good consistent with CAB. 3. With super character of Resisting the chemical and weathering. 4. Will not adhibit return, good leveling property. 5. It is good to pigment dispersion. 	<ol style="list-style-type: none"> 1. Good adhesion and flexibility 2. Good dispersivity and leveling 3. Good chemical, water and alcohol resistance 4. Good compatibility with Chlorinated rubber or High Chlorinated Polyethylene 	<ol style="list-style-type: none"> 1. Good adhesion and flexibility 2. Good dispersivity and leveling 3. Good chemical, water and alcohol resistance 4. Good compatibility with Chlorinated rubber or High Chlorinated Polyethylene 	<ol style="list-style-type: none"> 1. Good adhesion and High hardness 2. Good compatibility with CAB or NC 3. Non yellowing and Good resistance to weather 4. Good compatibility with other resins 5. Good adhesion with plastic substrate 	
Application	<ol style="list-style-type: none"> 1. Soft plastic paint. 2. Plastic printing ink. 3. Container paint. 4. Industry paint 	<ol style="list-style-type: none"> 1. Floor paint 2. Industrial paint 3. Road marking paint. 	<ol style="list-style-type: none"> 1. Exterior coating 2. Road marking paint 3. Fire-retardant coating 	<ol style="list-style-type: none"> 1. Plastic paint 2. PVC Inks 3. Industrial paint 	

Thermoplastic Solid Acrylic Resin

ITEM NO.		BA-04	BA-44G	BA-24	BA-10
Specification	Appearance	White Powder	White granular	White powder	White powder
	M.W	69,000	100,000	135,000	145,000
	IV value	/	1.13	/	/
	Solid Content (%)	99%	100%	100%	100%
	Acid Value (mgKOH/g)	3.5-6.5	2	1-3	3.5-6.5
	Tg (°C)	75	60	40	47
	Softening point (°C)	150-165	155	150-160	130-150
	Viscosity (mpa.s)	280-450 (37.5% in toluene)	/	350-550 (40% in MEK)	200-400 (30% in Gasoline/Butyl Alcohol=85:15)
Solvent		Esters, Ketones, chlorinated solution and aromatics.	Esters, Ketones, chlorinated solution and aromatics.	Eesters, Ketones and Aromatics	Esters, Ketones, also can be dissolved in n-butyl alcohol and 200# gasoline.
Characters		<ol style="list-style-type: none"> 1. Copolymer of MMA 2. Excellent gasoline resistance 3. Excellent plasticizer migration resistance 4. Adequate hardness 	<ol style="list-style-type: none"> 1. It has good compatibility with other film-forming resin, such as cellulose, Epoxy Resin, Vinyl resin and other Acrylic Resin. 2. It is with excellent adhesion on the surface of non-treated metal, especially after highbake, mainly used for PVDF Coating. 	<ol style="list-style-type: none"> 1. Good resistance to weather, Non yellowing 2. High gloss 3. Good adhesion and flexibility 4. Good chemical and water resistance 	<ol style="list-style-type: none"> 1. Enduring , not change yellow easily. 2. Super luster. 3. Super adhesion power and flexible. 4. With super character of Resisting of chemical and water-fast. 5. Can be dissolved in the 200# gasoline and making the environment-protection paint. 6. Good consistent with many of thermoplastic acrylic resin.
Application		<ol style="list-style-type: none"> 1. Industry anti-corrosive paint. 2. Machinery paint. 3. Container paint. 4. Vessel paint. 5. Highlight or flat paint 	PVDF Coating	<ol style="list-style-type: none"> 1. Ceramic varnish 2. Heat Seal Lacquers 	<ol style="list-style-type: none"> 1. Top grade environment-protection outdoor paint. 2. Top grade plastic paint. 3. Top grade printing-ink. 4. Acrylic Nail polish

Thermoplastic Solid Acrylic Resin

ITEM NO.		BA-17	BA-13	BA-13B	BA-76
Specification	Appearance	White Powder	White powder	White powder	White powder
	M.W	70,000	50,000	50,000	40,000
	Solid Content (%)	100%	100%	100%	100%
	Acid Value (mgKOH/g)	3-6	3-6	0-1	3-6
	Tg(°C)	56	80	75	76
	Softening point (°C)	130-160	180-200	180-200	150-250
	Viscosity (mpa.s)	2000-4000 (51% in Toluene)	2000-4000 (40% in Toluene)	2000-4000 (40% in Toluene)	150-250 (40% in Toluene)
Solvent		Esters, Ketones	Eesters, Ketones and Aromatics	Eesters, Ketones and Aromatics	Eesters, Ketones and Aromatics
Characters		1. Dry fast, Super adhesion power. 2. Super luster, High rigidity and resist to weathering. 3. With super character of Resisting of chemical and alcohol and water-fast. 4. With good consistent with CAB and nitric acid fibrin. 5. Will not adhibit return, good leveling property.	1. Hardness and fast drying 2. High gloss and good resistance to weather 3. Good compatibility with Chlorinated rubber and High Chlorinated Polyethylene 4. Good chemical and alcohol resistance 5, Good compatibility with CAB	1. Hardness and fast drying 2. High gloss and good resistance to weather 3. Good compatibility with Chlorinated rubber and High Chlorinated Polyethylene 4. Good gasoline and alcohol resistance 5, Good compatibility with CAB	1. Good adhesion and flexibility 2. Good dispersivity and leveling
Application		1. Soft plastic paint. 2. Plastic printing ink. 3. Container paint. 4. Industry paint. 5. Glazing oil for leather 6. ABS plastic paint	1, Heavy corrosion paint, Container paint and ship coating 2, Highlight industrial paint 3, Plastic paint	1. Aluminium paint 2. Plastic paint	1. Thermal Transfer Ink 2. Plastic Coating;

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ITEM NO.		BP-61	BP-82	BP-12	BP-10
Specification	Appearance	White granular	White granular	White granular	White granular
	M.W	50,000	90,000	50,000	180,000
	IV value	0.26	0.37	0.28	0.52
	Solid Content (%)	100%	100%	99%	99%
	Moisture content (%)	/	/	0.5 max.	0.5 max.
	Acid Value (mgKOH/g)	6.5 max.	3.0 max.	1.0 max.	9.0 max.
	Tg(°C)	32	35	104	32
Solvent	Aromatics, Esters, Ketones, Alcohols	Ester, Ketone, Aromatics.	Ester, Ketones	Aromatics, esters, ketones, chlorinated hydrocarbons, higher alcohols	
Characters	<ol style="list-style-type: none"> 1. Copolymer of methyl methacrylate and i-butyl methacrylate. 2. High adhesion and flexibility. 3. Low shrinkage rate and durability 4. Compatible with many solvents and nitrocellulose 	<ol style="list-style-type: none"> 1. Copolymer of methyl methacrylate and n-butyl methacrylate. 2. High adhesion and flexibility. 3. Low shrinkage rate and durability 4. Compatible with many solvents and nitrocellulose 5. Good solvent release ability 	<ol style="list-style-type: none"> 1. Good alcohol resistance, gasoline resistance, plasticizer resistance. 2. With high gloss 3. With high heat resistance 4. Hard and durable 5. Low viscosity and good compatibility. 	<ol style="list-style-type: none"> 1. Copolymer of methyl methacrylate and n-butyl methacrylate. 2. Hard heat resistance and durability 3. With high MW and superior chemical resistance. 4. Compatible with many solvents and nitrocellulose 	
Application	<ol style="list-style-type: none"> 1. Used as an base resin for UV curing of OPP and BOPP systems 2. Paper printing. 3. Aluminum sealer. 4. In hot stamping as adhesive layer 	<ol style="list-style-type: none"> 1. Used as an base resin for UV curing of OPP and BOPP systems 2. Paper printing. 3. Aluminum sealer. 4. In hot stamping as adhesive layer 	<ol style="list-style-type: none"> 1. Plastic coating. 2. Wall paper, leather treatment 3. In hot stamping as protective layer 4. Other applications require durable surface characteristics 	<ol style="list-style-type: none"> 1. For coatings on aluminum foils. 2. Ceramic transfer printing inks. 3. Inks for PET coated films and paper 4. Aerosol paints, and adhesives. 5. Hot stamping adhesive layer 	

Thermoplastic Solid Acrylic Resin

ITEM NO.		BP-121	BP-11	BP-17	BP-99
Specification	Appearance	White powder	White powder	White powder	White powder
	M.W	90000	85000	90000	20,000
	IV value	0.33~0.38	0.33~0.38	0.4	/
	Solid Content (%)	99%	99%	99%	100%
	Moisture content (%)	0.5max.	0.5max.	0.5max.	/
	Acid Value (mgKOH/g)	4max.	2 max.	1 max	78 max.
	Tg(°C)	105	100	85	113
Solvent		Ester, Ketone and other organic solvent.	Ester, Ketone and Aromatics	Ester, Ketone and Aromatics	Esters, Ketones
Characters		<ol style="list-style-type: none"> 1. Good heat resistance and durability. 2. Good chemical resistances to alcohol, gasoline and blocks the migration of plasticizer contained in the vinyl resins. 3. With high hardness and 4. Improve the intercoat adhesion 5. Compatible with many solvents and nitrocellulose. 	<ol style="list-style-type: none"> 1. Good heat resistance and durability. 2. Good chemical resistances to alcohol, gasoline and blocks the migration of plasticizer contained in the vinyl resins. 3. Good compatibility with cellulose resin, Vinyl resin and chlorinated rubber. 	<ol style="list-style-type: none"> 1. Copolymer of methacrylate and acrylate. 2. Good heat resistance and durability. 3. Good chemical resistances to alcohol, gasoline. 4. Blocks the migration of plasticizer contained in the vinyl resins. 5. Good compatibility with cellulose resin. 	<ol style="list-style-type: none"> 1. Copolymer of methyl methacrylate 2. With high Tg and low molecular weight. 3. Excellent pigment dispersion property 4. High heat resistance. 5. Compatible with ketone solvents
Application		<ol style="list-style-type: none"> 1. Marine coating, 2. Plastic coating, 3. Silk screen printing inks. 	<ol style="list-style-type: none"> 1. Gilding material coatings 2. Marine coating, 3. Leather finishes, 4. Plastic coatings, 5. Printing inks 6. Hot stamping inks (protective layer). 	<ol style="list-style-type: none"> 1. Marine coating, 2. Plastic coating, 3. Gravure inks, 4. Silk screen printing inks. 5. Hot stamping (Release layer) 	Hot stamping (Pigment layer)