



## ANWIN TECHNOLOGY CO.

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### Solid Grade Thermoplastic Acrylic Bead Resins

Product Name	Molecular Weight (Mw)	Tg(°C)	Inherent Viscosity	Acid Value (Mg KOH/g) (max)	Performance Features	Applications	Solubility
SA-2166	50,000	50	0.24~0.30	6.5	<ul style="list-style-type: none"> <li>●Fast drying</li> <li>●Good adhesion and durability</li> <li>●Broad compatibility</li> <li>●Good pigment dispersibility</li> <li>●General purpose resin</li> </ul>	<ul style="list-style-type: none"> <li>●Silk screen printing inks</li> <li>●Marine coatings</li> <li>●Plastic coating</li> <li>●Concrete coating</li> <li>●Container paints</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Long-chain alcohols</li> </ul>
SA-2160	40,000	75	0.17~0.22	10	<ul style="list-style-type: none"> <li>●Fast drying</li> <li>●Low resin viscosity</li> <li>●High gloss and good hardness</li> <li>●Good adhesion</li> <li>●Good compatibility with NC, vinyl resins, CAB and plasticizers.</li> <li>●Good pigment dispersibility</li> <li>●Good exterior durability</li> </ul>	<ul style="list-style-type: none"> <li>●inks for shinkable PVC film</li> <li>●Marine coatings</li> <li>●Plastic coatings</li> <li>●Metal coatings</li> <li>●Printing inks</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> </ul>
SA-2165	40,000	55	0.17~0.21	6.5	<ul style="list-style-type: none"> <li>●Low resin viscosity</li> <li>●Fast drying</li> <li>●Good pigment dispersibility</li> <li>●Excellent adhesion and flexibility</li> </ul>	<ul style="list-style-type: none"> <li>●Container paints</li> <li>●Coloured roof tile paints</li> <li>●Printing inks</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> </ul>

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SA-2111	85.000	100	0.33~0.38	1	<ul style="list-style-type: none"> <li>•High Tg</li> <li>•Fast drying</li> <li>•High hardness with good abrasion resistance</li> <li>•Excellent NC,CAB compatibility</li> <li>•Very good resistance to water,alcohol gasoline and plasticizer migration</li> <li>•Excellent outdoor durability</li> </ul>	<ul style="list-style-type: none"> <li>•Plastic coatings</li> <li>•Toy coatings</li> <li>•Soft PVC printing inks</li> <li>•Leather finishings</li> </ul>	<ul style="list-style-type: none"> <li>•Aromatics</li> <li>•Esters</li> <li>•Ketones</li> </ul>
SA-2167	45.000	50	0.21~0.27	6.5	<ul style="list-style-type: none"> <li>•Fast drying</li> <li>•Good adhesion</li> <li>•Good pigment dispersibility</li> <li>•Excellent outdoor durability</li> </ul>	<ul style="list-style-type: none"> <li>•Road mark paints</li> <li>•Outdoor concrete paints</li> <li>•PVC printing inks</li> </ul>	<ul style="list-style-type: none"> <li>•Aromatics</li> <li>•Esters</li> <li>•Ketones</li> </ul>
SA-2117	90.000	85	0.37~0.43	1	<ul style="list-style-type: none"> <li>•Fast drying</li> <li>•Good aluminum flake orientation</li> <li>•High hardness with good abrasion resistance</li> <li>•Excellent compatibility with NC,CAB vinyl resin and plasticizer</li> <li>•Very good resistance to water,alcohol gasoline and plasticizer migration</li> <li>•Excellent outdoor durability</li> </ul>	<ul style="list-style-type: none"> <li>•Transfer printing inks for cigarette package</li> <li>•Plastic coatings</li> <li>•Toy paints</li> <li>•Multipurpose printing inks</li> </ul>	<ul style="list-style-type: none"> <li>•Aromatics</li> <li>•Esters</li> <li>•Ketones</li> </ul>
SA-2170	40.000	55	--	70	<ul style="list-style-type: none"> <li>•Good adhesion</li> <li>•Good pigment dispersibility</li> </ul>	<ul style="list-style-type: none"> <li>•Metal coatings</li> <li>•Printing inks for glass</li> </ul>	<ul style="list-style-type: none"> <li>•Esters</li> <li>•Ketones</li> <li>•Ethanol and esters mixed</li> </ul>

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Product Name	Molecular Weight (Mw)	Tg(°C)	Inherent Viscosity	Acid Value (Mg KOH/g) (max)	Performance Features	Applications	Solubility
SA-2151	60.000	33	0.25~0.33	1	<ul style="list-style-type: none"> <li>● Good solubility in alcoholic solvents</li> <li>● Excellent adhesion and flexibility</li> <li>● Good pigment dispersibility</li> <li>● good adhesion to polyamide resin</li> </ul>	● Alcohol soluble printing inks and metal coatings	Ethanol
SA-2152	70.000	60	--	--	<ul style="list-style-type: none"> <li>● Higher hardness</li> <li>● Excellent adhesion to polyamide and various metals</li> </ul>	● Alcohol soluble printing inks and metal coatings	Ethanol
SA-2124	160.000	32	0.40~0.48	1	<ul style="list-style-type: none"> <li>● High gloss</li> <li>● Good adhesion and flexibility</li> <li>● Good compatibility with plasticizers</li> <li>● Good heat seal effect</li> </ul>	<ul style="list-style-type: none"> <li>● Ceramics seal coating</li> <li>● Heat seal lacquers</li> <li>● Printing inks</li> </ul>	<ul style="list-style-type: none"> <li>● Aromatics</li> <li>● Esters</li> <li>● Ketones</li> <li>● Chlorinated paraffins</li> </ul>
SA-2144	100.000	60	0.37~0.43	2	<ul style="list-style-type: none"> <li>● Excellent hard and tough balance</li> <li>● Good resin compatibility</li> <li>● Good pigment dispersibility</li> <li>● Excellent adhesion to substrates</li> <li>● Excellent exterior durability</li> </ul>	Modifier for baking type fluoropolymer (PVDF) paints	<ul style="list-style-type: none"> <li>● Aromatics</li> <li>● Esters</li> <li>● Ketones</li> </ul>
SA-2161	50.000	32	0.23~0.28	6.5	<ul style="list-style-type: none"> <li>● Low odor</li> <li>● Soluble in alcoholic solvents</li> <li>● Excellent adhesion and flexibility</li> <li>● Low shrinkage</li> <li>● Good durability</li> </ul>	<ul style="list-style-type: none"> <li>● Additive for UV inks for OPP/BOPP films</li> <li>● Heat seal lacquers for aluminum.</li> <li>● Inks for cardboard</li> <li>● Correction fluid binder.</li> </ul>	<ul style="list-style-type: none"> <li>● Long chain alcohols</li> <li>● Aromatics</li> <li>● Esters</li> <li>● Ketones</li> <li>● Chlorinated paraffins</li> </ul>
SA-2199	20.000	120	---	---	<ul style="list-style-type: none"> <li>● Low resin viscosity</li> <li>● High Tg and low MW.</li> <li>● Fast drying</li> <li>● Good pigment dispersibility</li> <li>● Good heat resistance</li> </ul>	<ul style="list-style-type: none"> <li>● Inks for package</li> <li>● Heat resistance paints</li> </ul>	<ul style="list-style-type: none"> <li>● Esters</li> <li>● Ketones</li> </ul>

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Product Name	Molecular Weight (Mw)	Tg(°C)	Inherent Viscosity	Acid Value (Mg KOH/g) (max)	Performance Features	Applications	Solubility
SA-2202	140.000	104	0.62~0.68	1	<ul style="list-style-type: none"> <li>●High Tg and high MW.</li> <li>●High gloss and hardness</li> <li>●Good abrasion and chemical resistance.</li> </ul>	<ul style="list-style-type: none"> <li>●PVC leather finishings</li> <li>●Stony concrete paints</li> <li>●Flooring coatings</li> <li>●PVC printing inks</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> </ul>
SA-2218	120.000	98	0.46~0.53	1	<ul style="list-style-type: none"> <li>●High hardness</li> <li>●Good compatibility with NC,CAB</li> <li>●Excellent resistance to alcohol, gasoline</li> </ul>	Highly alcohol resistant <ul style="list-style-type: none"> <li>●plastic coatings,</li> <li>●PVC printing inks</li> <li>●Toy paints</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Chlorinated paraffin.</li> </ul>
SA-2204	40.000	75	0.16~0.21	6	<ul style="list-style-type: none"> <li>●Easily soluble in various solvents</li> <li>●Fast drying</li> <li>●Good compatibility with CAB,vinyl resins and chlorinated rubber</li> <li>●Good pigment dispersibility</li> <li>●Excellent adhesion to substrates</li> </ul>	<ul style="list-style-type: none"> <li>●Plastic coatings</li> <li>●Metal coatings</li> <li>●Silk screen printing inks</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Chlorinated paraffin.</li> </ul>
SA-2206	50.000	50	0.235~0.30	3.5	<ul style="list-style-type: none"> <li>●Good drying speed</li> <li>●High gloss</li> <li>●Good resin compatibility</li> <li>●Good pigment dispersibility</li> <li>●Good weather and water resistance</li> <li>●General purpose resin</li> </ul>	<ul style="list-style-type: none"> <li>●Container paints</li> <li>●Marine paints</li> <li>●Concrete paints</li> <li>●Plastic coatings</li> <li>●Printing inks</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Long-chain alcohols</li> </ul>
SA-2209	200.000	55	0.53~0.59	1	<ul style="list-style-type: none"> <li>●Good hard and flexibility balance</li> <li>●High gloss</li> <li>●Excellent adhesion</li> <li>●Good resin compatibility</li> <li>●Soluble in various solvents</li> <li>●Good weathering and exterior durability</li> </ul>	<ul style="list-style-type: none"> <li>●Adhesives</li> <li>●Printing inks</li> <li>●Aerosol spray adhesives</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●ketones</li> <li>●Long-chain alcohols</li> <li>●Chlorinated paraffin.</li> </ul>

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SA-2207	50.000	50	0.225~0.29	7	<ul style="list-style-type: none"> <li>• Good drying speed</li> <li>• High gloss</li> <li>• Good resin compatibility</li> <li>• Good pigment dispersibility</li> <li>• Good weather and water resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Gravure printing inks</li> <li>• Screen printing inks</li> <li>• Metal coatings</li> <li>• Container coatings</li> <li>• Marine paints</li> <li>• Concrete paints</li> </ul>	<ul style="list-style-type: none"> <li>• Aromatics</li> <li>• Esters</li> <li>• Ketones</li> <li>• Chlorinated paraffin.</li> </ul>
SA-2208	90.000	96	0.37~0.43	1	<ul style="list-style-type: none"> <li>• High Tg</li> <li>• Fast drying</li> <li>• High hardness and gloss</li> <li>• Good compatibility with NC and CAB</li> <li>• Good aluminum flake orientation</li> <li>• Good resistance to gasoline, alcohol and plasticizers</li> <li>• Good weathering and durability</li> </ul>	<ul style="list-style-type: none"> <li>• Leather finishing</li> <li>• Plastic coatings</li> <li>• PVC printing inks and coatings</li> </ul>	<ul style="list-style-type: none"> <li>• Aromatics</li> <li>• Esters</li> <li>• Ketones</li> <li>• Chlorinated paraffin.</li> </ul>
SA-2210	180.000	32	0.47~0.56	9	<ul style="list-style-type: none"> <li>• High gloss and flexibility</li> <li>• Good adhesion to aluminum</li> <li>• Good resin compatibility</li> <li>• Good weathering and exterior durability</li> <li>• Low odor</li> </ul>	<ul style="list-style-type: none"> <li>• Aluminum heat seal lacquer.</li> <li>• Heat transfer inks</li> <li>• Inks for packaging</li> <li>• OPV for paper and board</li> </ul>	<ul style="list-style-type: none"> <li>• Aromatics</li> <li>• Esters</li> <li>• Ketones</li> <li>• Chlorinated paraffin.</li> </ul>
SA-2212	50.000	104	0.25~0.31	1	<ul style="list-style-type: none"> <li>• High Tg, low MW.</li> <li>• Low viscosity</li> <li>• Good resin compatibility</li> <li>• Good resistance to gasoline, alcohol and plasticizers</li> <li>• Good weathering resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Plastic coatings</li> <li>• OPV for wall papers</li> </ul>	<ul style="list-style-type: none"> <li>• Esters</li> <li>• Ketones</li> </ul>

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SA-2211	160.000	32	0.43~0.49	1	<ul style="list-style-type: none"> <li>●High gloss and flexible</li> <li>●Good resin compatibility</li> <li>●Good water resistance</li> <li>●Low odor</li> </ul>	<ul style="list-style-type: none"> <li>●Aluminum foil coatings</li> <li>●Ceramics seal lacquer</li> <li>●Inks for packaging</li> <li>●OPV for paper and board</li> <li>●Plasticizer</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Long-chain alcohols</li> <li>●Chlorinated paraffin.</li> </ul>
SA-2222	280.000	104	0.85~1.10	1	<ul style="list-style-type: none"> <li>●High Tg and high MW</li> <li>●High hardness</li> <li>●Excellent resistance to abrasion and blocking.</li> <li>●Good slippery</li> </ul>	<ul style="list-style-type: none"> <li>●Crackle-feeling leather finishing</li> <li>●Resin modifier to improve abrasion resistance and viscosity.</li> </ul>	<ul style="list-style-type: none"> <li>●Esters</li> <li>●Ketones</li> </ul>
SA-2231	30.000	39	0.13~0.17	1	<ul style="list-style-type: none"> <li>●Low viscosity</li> <li>●Good flow and leveling property</li> <li>●Good flexibility</li> </ul>	<ul style="list-style-type: none"> <li>●Ceramic inks</li> <li>●General purpose topcoat</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> <li>●Long-chain alcohols</li> <li>●Chlorinated paraffin.</li> </ul>
SA-2245	180.000	50	0.77~0.85	1	<ul style="list-style-type: none"> <li>●Unique hardness and flexibility balance</li> </ul>	<ul style="list-style-type: none"> <li>●Aerosols(colored ribbon)</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Ketones</li> </ul>
SA-2261	160.000	60	0.62~0.75	1	<ul style="list-style-type: none"> <li>●Good solvent emission property</li> <li>●High viscosity</li> <li>●Unique hardness and flexibility balance</li> <li>●Good chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>●Aerosols</li> <li>●Binders</li> <li>●Colored ribbon</li> </ul>	<ul style="list-style-type: none"> <li>●Aromatics</li> <li>●Esters</li> <li>●Acrylic monomer</li> </ul>

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