



CIBA POLYMER

Ciba Polymer Alborz Company was founded in 2016 with an annual production capacity of 10,000 MT of different types of acrylic resins (powder and solvent-based), thanks to our expert research and development department staff. We've successfully introduced a diverse range of products to the market in the coating and ink industries. We have established a strong presence in the domestic market and are penetrating through the MENA and CIS market as well.



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Cibaline

Solvent - Based Resins

Cibagum

Solvent - Based Resins

Cibatex

Bead Polymers



Cibaline Solvent-Based Resins

Our solvent-based resin brand 'Cibaline' has achieved a strong market position and is trusted for its quality and performance. Our product range in this area includes 1k, 2k, and 3k road marking resins as well as, metal, and plastic surface coating resins, along with hydroxyl-acrylic resins designed for automotive coating.



Cibaline

Resins for Road Marking Paints- Thermoplastic Solvent-based Resins

Resin	Solid (%)	T _g (°C)	Viscosity (cP)	Max Acid value (mg KOH/g)	Color (gardner)	Solvent *	Application
S254	60±1.5	38	8000-15000	10	<1	T/X	Road marking paints for asphalt and concrete for mild climate areas
S255	60±1.5	31	8000-15000	5	<1	T/X	Road marking paints for asphalt and concrete for cold climate areas
S256	60±1.5	38	8000-15000	10	<1	T/X	Road marking paints for asphalt and concrete with excellent gloss

*T: Toluene/ X: Xylene

Cibatex

Thermoplastic Bead Polymers

Resin	T _g (°C)	M _w	Mean Particle size (micron)	Acid value (mg KOH/g)	solubility *	Application
P202	65	57000	120	8	Ar, K, E	Road marking and metal paints adhesives
P206	65	57000	120	8	Ar, K, E	Printing ink's binder Plastic coating's binder
P301	31	45000	120	0	EAc/BAc	Heat seal lacquers
P303	31	60000	120	0	EAc/BAc	Heat seal lacquers
P401	105	140000	55	0	Ar, K, E	Low profile additive for (BMC) Low shrinkage

Ar: Aromatic / K: Ketone / E: Ester

Cibagum

Thermoplastic Solvent-based Resins

Resin	Solid (%)	T _g (°C)	Viscosity (cP)	Max Acid value (mg KOH/g)	Color (Gardner)	Solvent*	Application
S264	45±1.5	67	2000-3000	8	<1	X	PP Plastic and Composite Coatings
S265	45±1.5	39	1500-2500	10	<1	X	PP Plastic and Composite Coatings
S270	60±1.5	43	10000-15000	10	<1	T/X	Paints for the Exterior Design of the Building
S601	41±2	-	800-1000	0	Yellow/Clear	S100	Ceramic Decal
S610	35±2	-	200-400	0	<1	S100	Ceramic Printing Binders

*T: Toluene/ X: Xylene/S100: Solvesso 100

Hydroxyl-Acrylic Resins

Resin	Solid (%)	OH-content	Viscosity (cP)	Max Acid value (mg KOH/g)	Solvent*	Application
S281	55±1.5	1.8	1300-1900	8	X/BAc	Metal and Automotive Coatings
S282	60±1.5	2.7	2000-3000	9	X/S100	Metal and Automotive Coatings
S283	60±1	4.2	1800-2600	8	X/MPA	Plastic and OEM Coatings
S284	55±1.5	1.8	1200-1800	7	X	Metal and Automotive Refinishing
S285	60±1.5	2.7	2300-3400	7	X	Metal and Automotive Coatings
S286	60±1.5	4.5	2800-3600	7	X/MPA	Automotive Refinishing and Clear Coats
S289	60±1.5	1.8	2200-3300	6	X	Wood and Plastic Coatings

X: Xylene / MPA: Methoxy Propyl Acetate / BAc: Butyl Acetate / S100: Aromatic Naphta 100 (Solvesso 100)

Cibatex Bead Polymers

This type of polymers are based on acrylic monomers and the product is quite solid spherical beads. They can be used in different applications for a wide range of requirements. They offer a wide range of different compositions, size, T_g and molecular weights and their main advantage is being solid and very pure. They are used in coatings inks and paints, adhesives, medical and dental applications, 2k road marking paints and low profile additives.

Cibagum Solvent-based resins

Producing protective coatings against corrosion and wear is crucial. Cibagum 2k hydroxyl- acrylic resins are used to make these coatings. These resins have excellent optical and chemical properties and are available in various grades, each offering the potential for different crosslink densities, resulting in diverse mechanical properties. This versatile product range finds application in metal, wood, and automotive coatings.