

Solid Acrylic Resin PChem[®] MB-9-X

1. MB-9-X is a polymer of iso-butyl methacrylate. It offers high flexibility and good gloss, heat resistance and durability. It is with the most hydrophobic and water resistance properties.
2. MB-9-X is easily soluble in many organic solvents such as ketones, esters, aromatic hydrocarbons, chlorinated solvent, white gasoline, high alcohol and etc. Based on its good compatibility with middle/long oil alkyd resin, MB-9-X can be used as its modifying agent. It is also compatible with PVC resin and chlorinated paraffin. And it offers excellent pigment wettability.
3. MB-9-X is applied to gilding material coatings (adhesive layer), metal coatings, alkyd modified coatings and etc.

	Item	Value	Unit	Test method
Specifications	Appearance	Bead		
	Glass transition temperature (Tg)	56	°C	ASTM D-3418
	Molecular weight (Mw)	50,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.23		ASTM D-2857
	Acid value	≤ 3.0	mgKOH/g	ISO-3682
	Moisture content	≤ 1.0	%	ISO-3251

◆ Packaging and storage

1. Packed in composite paper bag with inner plastic bag, 25kg net.
2. Store in cool, dry and ventilated place where the fire and organic solvents are prohibited.
3. Shelf life: 3 years, capable of further use after passing QC inspection.
4. Transport as non-dangerous material.

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