

## Solid Acrylic Resin Pchem<sup>®</sup> BM9

- Properties**
- 1, BM9 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, BM9 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, BM9 can be used as its modifying agent. It is also compatible with PVC resin and chlorinated paraffin. And it offers excellent pigment wettability.
  - 3, BM9 is applied to gilding material coatings (adhesive layer), metal coatings, alkyd modified coatings and etc.

Specifications	Properties	Values	Units	Test methods
	Appearance	Powders		
	Glass transition temperature (Tg)	55	°C	ASTM D-3418
	Molecular weight (Mw)	70,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.31-0.37		ASTM D-2857
	Acid value	≤ 1.0	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 solvent are prohibited.
  - 3, Shelf life: 3 years, capable of further use after passing QC inspection. 4,
- Transport as non-dangerous material.

**Notes**

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