

## Solid Acrylic Resin PChem<sup>®</sup> BM170

1. BM170 is a copolymer of methacrylate and acrylate. It offers good heat resistance and durability. It also offers good chemical resistances to alcohol, gasoline and blocks the migration of plasticizer contained in the vinyl resins. Since it contains hydroxyl function group, BM170 is also good for 2K system coating with amino and polyisocyanate resins to form crosslinked structures.
2. BM170 is very compatible with many solvents and nitrocellulose and commonly used in applications of marine coating, plastic coating, gravure inks, silk screen printing inks.

	Item	Value	Unit	Test method
Specifications	Appearance	Powder		
	Glass transition temperature (Tg)	83	°C	ASTM D-3418
	Molecular weight (Mw)	90,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.40		ASTM D-2857
	Acid value	7.0	mgKOH/g	ISO-3682
	Hydroxyl number	35	mgKOH/g	ISO-3682
	Moisture content	≤ 0.5	%	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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