

## Solid Acrylic Resin PChem<sup>®</sup> BM111

1. BM111 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.
2. BM111 can be dissolved into methyl methacrylate monomer and other ingredients to form a prepolymer syrup for casting application
3. BM111 is very compatible with many solvents and nitrocellulose and commonly used in applications of marine coating, plastic coating, and silk screen printing inks.

	Item	Value	Unit	Test method
Specifications	Appearance	Powder		
	Glass transition temperature (Tg)	110	°C	ASTM D-3418
	Molecular weight (Mw)	110,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.48		ASTM D-2857
	Acid value	≤ 2.0	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.

**Notes:** The information contained on above data sheet is, to the best of our current knowledge, true and accurate. However, since the conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liabilities in connection with the use of information contained herein or otherwise. All risks of such nature are assumed by the user.