

## Solid Acrylic Resin PChem<sup>®</sup> BM51

1. BM51 is a copolymer of methyl methacrylates with alcohol soluble characteristics.
2. BM51 has a medium molecular weight which offers a better compatibility with alkyd resins. Due to its monomer composition, this resin offers outstanding weatherability and pigment dispersion properties.
3. BM51 is soluble in esters, ketones, aromatic, glycol ethers and glycol ether acetates. BM51 is very compatible with wide variety of other resins including acrylics, vinyl and polyesters.

	Item	Value	Unit	Test method
Specifications	Appearance	Powders		
	Glass transition temperature (Tg)	33	°C	ASTM D-3418
	Molecular weight (Mw)	60,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.24		ASTM D-2857
	Acid value	< 6.0	mgKOH/g	ISO-3682
	Moisture content	≤ 1.0	%	ISO-3251

### ◆ Packaging and storage

1. Packed in 25-kg paper bags.
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.