

## Solid Acrylic Resin PChem<sup>®</sup> BM666

1. BM666 is a thermoplastic solid acrylic resin with good weatherability, unique hardness, gloss and chemical resistance. It is also good for 2K system coating since it can react with amino and polyisocyanate resins to form crosslinked structures. It can be a base resin of printing ink and hot melt adhesive.
2. BM666 is easily soluble in many organic solvents such as ketones, white spirit, esters, and aromatic hydrocarbons. It also has good compatibility with other film forming resins such as vinyl resins, some alkyds and other acrylic resins.

	Item	Value	Unit	Test method
Specifications	Appearance	Powder		
	Glass transition temperature (Tg)	63	°C	ASTM D-3418
	Molecular weight (Mw)	5,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.06		ASTM D-2857
	Acid value	7	mgKOH/g	ISO-3682
	Hydroxyl number	140	mgACID/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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