

Solid Acrylic Resin PChem[®] BM53

1. BM53 is a copolymer of various methacrylates. It is good for 2K system coating since it can react with amino and polyisocyanate resins to form crosslinked structures.
2. BM53 is excellent binder for adhesion of various plastic substrates. It is also good for applications of pigmented lacquer.
3. MBM53 is soluble in esters, ketones, aromatic, glycol ethers, glycol ether acetates and chlorinated hydrocarbons. BM53 is compatible with alkyd resins.

	Item	Value	Unit	Test method
Specifications	Appearance	Powders		
	Glass transition temperature (Tg)	102	°C	ASTM D-3418
	Molecular weight (Mw)	40,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.17		ASTM D-2857
	OH Value	22	mgACID/g	ISO-3682
	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 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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