

Solid Acrylic Resin PChem[®] BM277

1. BM277 is a copolymer of methyl methacrylate and butyl methacrylate. The optimized equivalent weight of BM277 results in a low isocyanate demand with sufficient crosslink density to provide good chemical and solvent resistance. The acrylic backbone of BM277 polyol provides excellent exterior gloss retention performance.
2. BM277 is excellent binder for adhesion of aluminum and polystyrene. It is also good for applications of pigmented lacquer.
3. MBM277 is soluble in esters, ketones, aromatic, glycol ethers, glycol ether acetates and chlorinated hydrocarbons.

	Item	Value	Unit	Test method
Specifications	Appearance	Powders		
	Glass transition temperature (Tg)	64	°C	ASTM D-3418
	Molecular weight (Mw)	18,500	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.12	dL/g	ASTM D-2857
	OH Value	77	mgKOH/g	ISO-3682
	Acid value	7.0	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.

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.

