

Solid Acrylic Resin PChem[®] MB-16

1. MB-16 is a copolymer of methyl methacrylate and n-butyl methacrylate. It offers hard heat resistance and durability. It also offers fast tack-free time, very good dry and excellent adhesion to different substrates like metals, acrylic, ABS, PVC and polystyrene etc. MB-16 is also used for adhesives since its hydroxyl functional group can be reacted with polyisocyanates in PU hot melt adhesives.
2. MB-16 is very compatible with many solvents and commonly used in applications of hot melt adhesives and marine coating, plastic coating, gravure inks, silk screen printing inks.

	Item	Value	Unit	Test method
Specifications	Appearance	Beads		
	Glass transition temperature (Tg)	50	°C	ASTM D-3418
	Molecular weight (Mw)	54,000	g/mol	ASTM D-3593
	Inherent viscosity (IV)	0.25		ASTM D-2857
	Acid value	≤ 3.5	mgKOH/g	ISO-3682
	Hydroxyl number	1.3	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.

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