

MBA Polymers PP 2126 Post-consumer recycled general purpose polypropylene impact copolymer

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Available in standard black. Information provided by MBA Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MBA-Polymers-PP-2126-Post-consumer-recycled-general-purpose-polypropylene-impact-copolymer.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	MBA Method
Melt Flow	5.5 g/10 min @Load 2.16 kg, Temperature 230 Â°C	5.5 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa @Temperature 23.0 Â°C	2900 psi @Temperature 73.4 Â°F	ISO 527-2/50
Flexural Modulus	1.00 GPa @Temperature 23.0 Â°C	145 ksi @Temperature 73.4 Â°F	ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ² @Temperature -20.0 Â°C	2.86 ft-lb/in ² @Temperature -4.00 Â°F	ISO 180/1A
	20.0 kJ/m ² @Temperature 23.0 Â°C	9.52 ft-lb/in ² @Temperature 73.4 Â°F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	51.0 Â°C	124 Â°F	unannealed; ISO 75-1A
Vicat Softening Point	60.0 Â°C	140 Â°F	VST/B/50; ISO 306
	135 Â°C	275 Â°F	VST/A/50; ISO 306
Glow Wire Test	650 Â°C @Thickness 2.00 mm	1200 Â°F @Thickness 0.0787 in	Glow Wire Flammability Index; IEC 60695-2-12

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 210 Â°C	356 - 410 Â°F	Extrusion Range
	200 Â°C	392 Â°F	Recommended Extrusion
	200 Â°C	392 Â°F	Recommended Injection Molding
	190 - 220 Â°C	374 - 428 Â°F	Injection Molding Range
Mold Temperature	40.0 Â°C	104 Â°F	Recommended
	30.0 - 60.0 Â°C	86.0 - 140 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
	@Time 3600 - 7200 sec	@Time 1.00 - 2.00 hour	
Moisture Content	<= 0.10 %	<= 0.10 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China