

MBA PP 2126

Polypropylene Impact Copolymer
MBA Polymers

Message:

A post-consumer recycled polypropylene copolymer with higher impact for general use. Available in standard black (reference 90/04).

General Information			
Recycled Content	Yes		
Features	Copolymer		
	Good Impact Resistance		
Uses	General Purpose		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	1000	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	6.0	kJ/m ²	
23°C	20	kJ/m ²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	51.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	135	°C	ISO 306/A50
--	60.0	°C	ISO 306/B50

Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12

Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Processing (Melt) Temp	190 to 220	°C	

Mold Temperature	30.0 to 60.0	°C
Extrusion	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	1.0 to 2.0	hr
Suggested Max Moisture	0.050 to 0.10	%
Melt Temperature	180 to 210	°C

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