

MBA PP 2123

Polypropylene Copolymer

MBA Polymers

Message:

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

General Information	
Recycled Content	Yes
Features	Copolymer
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
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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	10	kJ/m ²	

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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