

MBA PP 2131 70/05

Polypropylene Copolymer

MBA Polymers

Message:

A post-consumer recycled polypropylene copolymer for general use. Available in mouse grey (reference 70/05).

General Information	
Recycled Content	Yes
Features	Copolymer
Uses	General Purpose
Appearance	Grey
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1450	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	26.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	5.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ISO 306/B50
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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