

MBA PP 2131 90/05

Polypropylene Copolymer

MBA Polymers

Message:

A post-consumer recycled polypropylene copolymer for general use. Available in deep black (reference 90/05).

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	0.920	g/cm³	Internal Method

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
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Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1350	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	24.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	1500	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	6.0	kJ/m²	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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Recommended distributors for this material

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