

MRC Polymers MAXTEL,ç 640-BK Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

â€¢ For extrusion or injection moldingâ€¢ Excellent process ability. Information provided by MRC Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MRC-Polymers-MAXTEL-640-BK-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	4.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133
Ash	<= 2.0 %	<= 2.0 %	ISO 294

Mechanical Properties	Metric	English	Comments
Tensile Strength	27.0 MPa	3920 psi	ISO 527
Elongation at Break	55 %	55 %	ISO 527
Flexural Strength	30.0 MPa	4350 psi	ISO 178
Flexural Modulus	1.15 GPa	167 ksi	ISO 178
Izod Impact, Notched (ISO)	5.30 kJ/mÂ²	2.52 ft-lb/inÂ²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	89.0 Â°C	192 Â°F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	54.0 Â°C	129 Â°F	ISO 75

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