

ExxonMobil Exxtral™ BMU 233 Performance Polyolefin

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for automotive exterior parts and high stiffness, high impact, good dimensional stability and good UV resistance.
Availability: Africa & Middle East, Asia Pacific, Europe, Latin America, South America and North America
Features: Good Creep Resistance Good Dimensional Stability Good Impact Resistance Good Weather Resistance High Stiffness
Uses: Automotive Applications Automotive Exterior Parts Automotive Exterior Trim
Processing Method: Injection Molding
Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-BMU-233-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in³	ISO 1183
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	14.0 MPa	2030 psi	ISO 527-2/B
Tensile Strength, Yield	18.0 MPa	2610 psi	ISO 527-2/B
Tensile Modulus	1.68 GPa	244 ksi	Secant; ISO 527-2
Flexural Modulus	1.89 GPa	274 ksi	ISO 178
Charpy Impact, Notched	0.441 J/cm² @Temperature -30.0 °C	2.10 ft-lb/in² @Temperature -22.0 °F	ISO 179
	0.651 J/cm² @Temperature -20.0 °C	3.10 ft-lb/in² @Temperature -4.00 °F	ISO 179
	1.09 J/cm² @Temperature 0.000 °C	5.20 ft-lb/in² @Temperature 32.0 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ISO 75-2/A

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