

ExxonMobil Exxtral™ BMU 133 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance and designed for paintable automotive exterior applications. **Availability:** Europe **Features:** Balanced Stiffness/Toughness Ductile High Impact Resistance Low Temperature Impact Resistance Paintable **Uses:** Automotive Applications Automotive Bumper 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-133-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ISO 1183
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 230 °C	15 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.8 MPa	2000 psi	ISO 527-2/50
Tensile Strength, Yield	17.7 MPa	2570 psi	ISO 527-2/50
Elongation at Break	39 %	39 %	ISO 527-2/50
Elongation at Yield	3.5 %	3.5 %	ISO 527-2/50
Tensile Modulus	1.37 GPa	199 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.546 J/cm ² @Temperature -30.0 °C	2.60 ft-lb/in ² @Temperature -22.0 °F	Complete Break; ISO 179
	0.693 J/cm ² @Temperature -20.0 °C	3.30 ft-lb/in ² @Temperature -4.00 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	48.9 °C	120 °F	ISO 75-2/A

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