

ExxonMobil Exxtral™ BMU 130 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance for automotive exterior applications such as bumper fascia.**Availability:** Europe **Features:**Balanced Stiffness/ToughnessDuctileGood UV ResistanceGood Weather ResistanceHigh Impact ResistanceLow Temperature Impact Resistance**Uses:** Automotive BumperAutomotive Exterior PartsAutomotive Trim**Processing Method:** Injection MoldingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-BMU-130-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	11.6 MPa	1680 psi	ISO 527-2
Tensile Strength, Yield	15.1 MPa	2190 psi	ISO 527-2
Elongation at Break	79 %	79 %	ISO 527-2
Elongation at Yield	4.3 %	4.3 %	ISO 527-2
Tensile Modulus	1.20 GPa	174 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.798 J/cm ²	3.80 ft-lb/in ²	Complete Break; ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	1.09 J/cm ²	5.20 ft-lb/in ²	Complete Break; ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	6.51 J/cm ²	31.0 ft-lb/in ²	Partial Break; ISO 179
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	47.2 °C	117 °F	ASTM D648

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