

ExxonMobil Exxtral™ BMU 131 Performance Polyolefin

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance, good surface appearance and good weatherability designed for automotive exterior applications. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Balanced Stiffness/Toughness Ductile Good Surface Finish Good UV Resistance Good Weather Resistance Low Temperature Impact Resistance **Uses:** 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-131-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	13.0 MPa	1890 psi	ISO 527-2
Tensile Strength, Yield	17.0 MPa	2470 psi	ISO 527-2
Elongation at Break	54 %	54 %	ISO 527-2
Elongation at Yield	4.0 %	4.0 %	ISO 527-2
Tensile Modulus	1.24 GPa	180 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.609 J/cm ²	2.90 ft-lb/in ²	Complete Break; ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	0.798 J/cm ²	3.80 ft-lb/in ²	Complete Break; ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	47.8 °C	118 °F	ISO 75-2/A

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