

ExxonMobil Exxtral™ BMU 141 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 automotive instrument panels in which good surface finish, high scratch resistance and good UV resistance are required. **Availability:** Africa & Middle East and Europe **Features:** Balanced Stiffness/Toughness Good Surface Finish High Impact Resistance High Scratch Resistance Low to No Fogging **Uses:** Automotive Applications Automotive Instrument Panel Automotive Interior Parts Automotive Interior Trim **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-BMU-141-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in³	ISO 1183
Melt Flow	12 g/10 min	12 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.0 MPa	2320 psi	ISO 527-2/50
Tensile Strength, Yield	21.0 MPa	3050 psi	ISO 527-2/50
Elongation at Break	25 %	25 %	ISO 527-2/50
Elongation at Yield	3.2 %	3.2 %	ISO 527-2/50
Tensile Modulus	1.88 GPa	273 ksi	Secant; ISO 527-2
Flexural Strength	31.6 MPa	4580 psi	ISO 178
Flexural Modulus	1.86 GPa	270 ksi	ISO 178
Charpy Impact, Notched	0.441 J/cm²	2.10 ft-lb/in²	ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.714 J/cm²	3.40 ft-lb/in²	ISO 179
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	1.49 J/cm²	7.10 ft-lb/in²	ISO 179
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.8 °C	208 °F	ISO 75-2/B

Deflection Temperature at 1.8 MPa (100 psi)	53.9 °C Metric	129 °F English	ISO 75-2/A Comments
--	-------------------	-------------------	------------------------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China