

## ExxonMobil Exxtral™ BMU 143 Performance Polyolefin

Category : Polymer , Thermoplastic , Polyolefin

### Material Notes:

**Product Description:** A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance and designed for automotive interior application in which good surface finish, high scratch resistance and good UV resistance are required. **Availability:** Africa & Middle East, Asia Pacific, Europe, Latin America, South America and North America **Features:** Good Surface Finish High Impact Resistance High Scratch Resistance Low to No Fogging Low to No Odor Low VOC **Uses:** 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-143-Performance-Polyolefin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-BMU-143-Performance-Polyolefin.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	ISO 1183
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 230 °C	13 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.0 MPa	2320 psi	ISO 527-2
Tensile Strength, Yield	21.0 MPa	3050 psi	ISO 527-2
Elongation at Break	30 %	30 %	ISO 527-2
Elongation at Yield	4.0 %	4.0 %	ISO 527-2
Tensile Modulus	1.78 GPa	258 ksi	Secant; ISO 527-2
Flexural Modulus	1.70 GPa	247 ksi	ISO 178
Charpy Impact, Notched	0.504 J/cm <sup>2</sup> @Temperature -30.0 °C	2.40 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	Complete Break; ISO 179
	0.798 J/cm <sup>2</sup> @Temperature 0.000 °C	3.80 ft-lb/in <sup>2</sup> @Temperature 32.0 °F	Complete Break; ISO 179
	1.49 J/cm <sup>2</sup> @Temperature 22.8 °C	7.10 ft-lb/in <sup>2</sup> @Temperature 73.0 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.9 °C	201 °F	ISO 75-2/B

Deflection Temperature at 1.8 MPa  
Thermal Properties  
(104 psi)

50.0 °C  
Metric

122 °F  
English

ISO 75-2/A  
Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China