

ExxonMobil Exxtral™ BNT 010 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for automotive exterior painted parts such as bumper fascia. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Balanced

Stiffness/ToughnessDuctileGood ColorabilityHigh Impact ResistanceLow Temperature Impact ResistancePaintableUses: Automotive

ApplicationsAutomotive Exterior PartsAutomotive Exterior Trim Processing Method: Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-BNT-010-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.0 MPa	1890 psi	ISO 527-2/50
Tensile Strength, Yield	17.0 MPa	2470 psi	ISO 527-2/50
Elongation at Break	>= 50 %	>= 50 %	ISO 527-2/50
Elongation at Yield	6.0 %	6.0 %	ISO 527-2/50
Flexural Modulus	0.903 GPa	131 ksi	Secant; ISO 178
Charpy Impact, Notched	1.09 J/cm ² @Temperature -30.0 °C	5.20 ft-lb/in ² @Temperature -22.0 °F	Partial Break; ISO 179
	1.49 J/cm ² @Temperature 0.000 °C	7.10 ft-lb/in ² @Temperature 32.0 °F	Partial Break; ISO 179
	6.51 J/cm ² @Temperature 22.8 °C	31.0 ft-lb/in ² @Temperature 73.0 °F	Partial Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	43.9 °C	111 °F	ISO 75-2/A

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