

ExxonMobil Exxtral™ LNU 011 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin with high stiffness, high gloss, low discoloration and good detergent resistance for large electrical appliances such as washing machines. **Availability:** Africa & Middle East, Asia Pacific, Europe, North America and South America **Features:** Good Mold Release Good Surface Finish **Uses:** Appliance Components Appliances Consumer Applications **Processing Method:** Injection Molding Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-LNU-011-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ISO 1183
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.0 MPa	5510 psi	ISO 527-2/50
Elongation at Yield	>= 6.0 %	>= 6.0 %	ISO 527-2/50
Tensile Modulus	2.00 GPa	290 ksi	Secant; ISO 527-2
Flexural Modulus	1.90 GPa	276 ksi	Secant; ISO 178
Charpy Impact Unnotched	1.60 J/cm ² @Temperature -30.0 °C	7.60 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
	2.10 J/cm ² @Temperature 0.000 °C	10.0 ft-lb/in ² @Temperature 32.0 °F	ISO 179/1eU
	10.1 J/cm ² @Temperature 22.8 °C	48.0 ft-lb/in ² @Temperature 73.0 °F	ISO 179/1eU
Charpy Impact, Notched	0.149 J/cm ² @Temperature -30.0 °C	0.710 ft-lb/in ² @Temperature -22.0 °F	ISO 179
	0.181 J/cm ² @Temperature 0.000 °C	0.860 ft-lb/in ² @Temperature 32.0 °F	ISO 179
	0.357 J/cm ² @Temperature 22.8 °C	1.70 ft-lb/in ² @Temperature 73.0 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °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