

ExxonMobil Exxtral™ LNU 012 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin with good heat resistance and good surface finish designed for fast injection molding of large electrical appliance parts.
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-012-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ISO 1183
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 230 °C	15 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.20 GPa	319 ksi	Secant; ISO 527-2
Flexural Modulus	2.25 GPa	326 ksi	Secant; ISO 178
Charpy Impact, Notched	0.252 J/cm ² @Temperature 22.8 °C	1.20 ft-lb/in ² @Temperature 73.0 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	ISO 75-2/A

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