

ExxonMobil Exxtral™ LNT 010 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin with high heat ageing resistance, high transparency, low color and low discoloration for contact with hot water, hot air and detergent in electrical appliances such as washing machines. **Availability:** Availability: Africa & Middle East, Asia Pacific, Europe, North America and South America **Features:** Good Mold Release Good Surface Finish Good Thermal Stability **Uses:** Appliance Components Appliances Automotive Applications Automotive Under the Hood Consumer Applications **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in³	ISO 1183
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ISO 527-2/50
Elongation at Break	>= 200 %	>= 200 %	ISO 527-2/50
Elongation at Yield	10 %	10 %	ISO 527-2/50
Tensile Modulus	1.40 GPa	203 ksi	Secant; ISO 527-2
Flexural Modulus	1.35 GPa	196 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ISO 75-2/A
Vicat Softening Point	81.1 °C	178 °F	ISO 306/B50

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