

ExxonMobil Exxtral™ LNV 010 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin with high gloss, low warpage, and low discoloration in contact with hot water/steam in large electrical appliance such as washing machines. Contains anti-static additive. **Availability:** Africa & Middle East, Asia Pacific, Europe, North America and South America **Features:** Good Mold Release Good Surface Finish High Flow **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-LNV-010-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.897 g/cc	0.0324 lb/in ³	ISO 1183
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 °C	30 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.7 MPa	5030 psi	ISO 527-2/50
Elongation at Yield	7.0 %	7.0 %	ISO 527-2/50
Tensile Modulus	1.60 GPa	232 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.130 J/cm ² @Temperature -30.0 °C	0.620 ft-lb/in ² @Temperature -22.0 °F	ISO 179
	0.231 J/cm ² @Temperature 22.8 °C	1.10 ft-lb/in ² @Temperature 73.0 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.2 °C	198 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	52.2 °C	126 °F	ISO 75-2/A
Vicat Softening Point	153 °C	307 °F	ISO 306/A50

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