

ExxonMobil Exxtral™ CNU 011 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for injection molded automotive interior applications in which good surface finish and UV resistance is required. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America

Features: Balanced Stiffness/Toughness Good impact Resistance Good Surface Finish Low Emissions Low to No Fogging Low to No Odor

Uses: Automotive Applications Automotive Interior Parts Automotive Interior Trim

Processing Method: Injection Molding

Information provided by ExxonMobil

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 230 °C	16 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	16.0 MPa	2320 psi	ISO 527-2/50
Tensile Strength, Yield	24.0 MPa	3480 psi	ISO 527-2/50
Elongation at Break	>= 100 %	>= 100 %	ISO 527-2/50
Elongation at Yield	6.0 %	6.0 %	ISO 527-2/50
Tensile Modulus	1.15 GPa	167 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.504 J/cm ² @Temperature 0.000 °C	2.40 ft-lb/in ² @Temperature 32.0 °F	Complete Break; ISO 179
	0.840 J/cm ² @Temperature 22.8 °C	4.00 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)	72.8 °C	163 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	72.8 °C	163 °F	ISO 75-2/A

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