

ExxonMobil Exxtral™ CNW 010 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for injection molded automotive interior trim applications requiring low warpage. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Good Surface Finish **High Flow** **Low to No Fogging** **Uses:** Automotive Applications Automotive Interior Parts Automotive Interior Trim Consumer Applications **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Flow	38 g/10 min @Load 2.16 kg, Temperature 230 °C	38 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.0 MPa	2470 psi	ISO 527-2/50
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527-2/50
Elongation at Break	22 %	22 %	ISO 527-2/50
Elongation at Yield	5.0 %	5.0 %	ISO 527-2/50
Tensile Modulus	1.10 GPa	160 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.546 J/cm ² @Temperature 0.000 °C	2.60 ft-lb/in ² @Temperature 32.0 °F	Complete Break; ISO 179
	0.903 J/cm ² @Temperature 22.8 °C	4.30 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)	82.2 °C	180 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	51.1 °C	124 °F	ISO 75-2/A

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