

ExxonMobil Exxtral™ CMU 101D Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for automotive interior trim in which good surface finish, high scratch resistance, minimum dust deposit and good UV resistance are required. **Availability:** Asia Pacific, Europe, Latin America and North America **Features:** Antistatic Balanced Stiffness/Toughness Good Flow Good Mold Release Good Surface Finish **Uses:** 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-CMU-101D-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ISO 1183
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	18.0 MPa	2610 psi	ISO 527-2/50
Tensile Strength, Yield	27.0 MPa	3920 psi	ISO 527-2/50
Elongation at Break	35 %	35 %	ISO 527-2/50
Elongation at Yield	4.0 %	4.0 %	ISO 527-2/50
Tensile Modulus	1.90 GPa	276 ksi	ISO 527-2/50
Charpy Impact, Notched	0.399 J/cm ² @Temperature 0.000 °C	1.90 ft-lb/in ² @Temperature 32.0 °F	Complete Break; ISO 179
	0.693 J/cm ² @Temperature 22.8 °C	3.30 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)	100 °C	212 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	52.8 °C	127 °F	ISO 75-2/A

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