ExxonMobil Exxtral™ CMV 205 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin characterized by high stiffness and designed for automotive interior applications in which good surface finish and good UV resistance are required.Availability: Africa & Middle East, Asia Pacific, Europe, South America and North America Features: Balanced Stiffness/Toughness Good Dimensional StabilityGood ColorabilityGood Impact ResistanceGood Surface FinishLow to No Fogging Uses: Automotive ApplicationsAutomotive Interior PartsAutomotive Interior Trim Processing Method: Injection MoldingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-CMV-205-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in³	ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.5 MPa	2540 psi	ISO 527-2/50
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527-2/50
Elongation at Break	21 %	21 %	ISO 527-2/50
Elongation at Yield	3.0 %	3.0 %	ISO 527-2/50
Tensile Modulus	2.10 GPa	305 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.315 J/cm² @Temperature 0.000 °C	1.50 ft-lb/in² @Temperature 32.0 °F	Complete Break; ISO 179
	0.609 J/cm² @Temperature 22.8 °C	2.90 ft-lb/in² @Temperature 73.0 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	ISO 75-2/A

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