

ExxonMobil Exxtral™ CMU 236 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for automotive interior covered applications such as retainers in which a good stiffness/toughness balance is required.**Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North

America Features: Balanced Stiffness/Toughness Good Dimensional Stability Low Emissions Low to No Fogging Low to No Odor Medium

Impact Resistance Uses: Automotive Applications Automotive Interior Parts Automotive Interior Trim Automotive Under the Hood Processing

Method: Injection Molding Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-CMU-236-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ISO 1183
Melt Flow	16 g/10 min	16 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.0 MPa	2470 psi	ISO 527-2/50
Tensile Strength, Yield	24.0 MPa	3480 psi	ISO 527-2/50
Elongation at Break	30 %	30 %	ISO 527-2/50
Elongation at Yield	3.0 %	3.0 %	ISO 527-2/50
Tensile Modulus	2.42 GPa	351 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.357 J/cm ²	1.70 ft-lb/in ²	Complete Break; ISO 179
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	0.672 J/cm ²	3.20 ft-lb/in ²	Complete Break; ISO 179
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	109 °C	228 °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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