

ExxonMobil Exxtral™ CMN 303 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin designed for high heat ageing resistance for automotive interior trim applications such as instrument panels.**Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Good Creep ResistanceGood Dimensional StabilityGood Impact ResistanceGood Mold ReleaseLow EmissionsLow to No Fogging **Uses:** Automotive ApplicationsAutomotive Interior PartsAutomotive Interior TrimAutomotive Under the Hood **Processing Method:** Injection MoldingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-CMN-303-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	ISO 527-2/50
Tensile Strength, Yield	15.0 MPa	2180 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	2.95 GPa	428 ksi	Secant; ISO 527-2/50
Charpy Impact, Notched	0.399 J/cm²	1.90 ft-lb/in²	Complete Break; ISO 179
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	1.01 J/cm²	4.80 ft-lb/in²	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)	110 °C	230 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	62.2 °C	144 °F	ISO 75-2/A

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