

ExxonMobil Exxtral™ HMU 202 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin, black colored, with high stiffness and low emissions for automotive HVAC and under-the-hood applications. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Good Dimensional Stability Low Emissions Low to No Fogging Low to No Odor Ultra High Stiffness **Uses:** Automotive Applications Automotive Interior Parts Automotive Interior Trim Paintable **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-HMU-202-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in³	ISO 1183
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 °C	9.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	23.0 MPa	3340 psi	ISO 527-2/50
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527-2/50
Elongation at Break	16 %	16 %	ISO 527-2/50
Elongation at Yield	4.0 %	4.0 %	ISO 527-2/50
Tensile Modulus	3.00 GPa	435 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.294 J/cm² @Temperature 22.8 °C	1.40 ft-lb/in² @Temperature 73.0 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ISO 75-2/A

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