

ExxonMobil Exxtral™ HMU 208 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin, black colored, with high stiffness and release agent for automotive HVAC and under-the-hood applications. **Availability:** Africa & Middle East, Asia Pacific, Europe, South America and North America **Features:** Good Dimensional Stability Good Mold Release Ultra High Stiffness **Uses:** Automotive Applications Automotive Exterior Parts Automotive Exterior Trim Automotive Interior Parts Automotive Under the Hood **Compounding Processing Method:** Injection Molding **Information provided by:** ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-HMU-208-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ISO 1183
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	27.0 MPa	3920 psi	ISO 527-2/50
Tensile Strength, Yield	34.0 MPa	4930 psi	ISO 527-2/50
Elongation at Break	19 %	19 %	ISO 527-2/50
Elongation at Yield	4.0 %	4.0 %	ISO 527-2/50
Tensile Modulus	2.75 GPa	399 ksi	Secant; ISO 527-2
Charpy Impact Unnotched	3.57 J/cm ²	17.0 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.294 J/cm ² @Temperature 22.8 °C	1.40 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)	120 °C	248 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	63.9 °C	147 °F	ISO 75-2/A

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