

ExxonMobil Exxtral™ HMU 210 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A specialty thermoplastic polyolefin resin, black colored, with high stiffness 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 Odor **Uses:** Automotive Applications Automotive Interior Parts 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-HMU-210-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in³	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	33.7 MPa	4890 psi	ISO 527-2/50
Elongation at Break	18 %	18 %	ISO 527-2/50
Elongation at Yield	5.2 %	5.2 %	ISO 527-2/50
Tensile Modulus	2.75 GPa	399 ksi	Secant; ISO 527-2
Charpy Impact, Notched	0.336 J/cm² @Temperature 22.8 °C	1.60 ft-lb/in² @Temperature 73.0 °F	Complete Break; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	241 °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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