

ExxonMobil Exxtral™ BMV 208 Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: Polyolefin injection molding compound with very high flow, high stiffness, good low temperature impact resistance, and excellent processability for automotive exterior trim applications. **Availability:** North America **Features:** Good Impact Resistance Good Processability High Flow High Stiffness Low Temperature Impact Resistance Paintable **Uses:** Automotive Exterior Trim **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

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

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|------------|
| Density | 1.06 g/cc | 0.0383 lb/in ³ | ISO 1183/A |
| Melt Flow | 39 g/10 min @Load 2.16 kg, Temperature 230 °C | 39 g/10 min @Load 4.76 lb, Temperature 446 °F | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|---------------------------------|------------------------------------|--------------------------------|
| Tensile Strength, Yield | 20.0 MPa | 2900 psi | ISO 527-2 |
| Flexural Modulus | 2.17 GPa | 315 ksi | 2.52 in, 0.079 in/min; ISO 178 |
| Izod Impact, Notched (ISO) | 27.3 kJ/m ² | 13.0 ft-lb/in ² | ISO 180/A |
| Dart Drop, Total Energy | 26.0 J @Temperature -15.0 °C | 19.2 ft-lb @Temperature 5.00 °F | 7.22 ft/sec; ASTM D3763 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 55.0 °C | 131 °F | ISO 75-2/Af |

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