

ExxonMobil Exxtral™ H1025W Performance Polyolefin

Category : Polymer , Thermoplastic , Ethylene Butyl Acrylate

Material Notes:

Product Description: A polyolefin injection molding compound designed with good flow, cold temperature impact resistance, low CLTE, weatherable mold-in-color and also suitable for painted automotive exterior bumper fascia, rocker panels and other large components.
Availability: North America
Features: Ductile Good UV Resistance High Flow High Scratch Resistance Low Temperature Impact Resistance Paintable
Uses: Automotive Applications Automotive Bumper Automotive Exterior Trim Automotive Exterior Parts Automotive
Specifications: GM GMP.E/P.134 **Processing Method:** Injection Molding
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxtral-H1025W-Performance-Polyolefin.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in³	ISO 1183/A
Melt Flow	26 g/10 min	26 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	15.0 MPa	2180 psi	ISO 527-2/50
Flexural Modulus	1.09 GPa	158 ksi	Secant, 0.079 in/min; ISO 178
Izod Impact, Notched (ISO)	50.4 kJ/m²	24.0 ft-lb/in²	ISO 180/A
Dart Drop, Total Energy	24.9 J	18.4 ft-lb	ASTM D3763
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	0.540 µm/m-°C	0.300 µin/in-°F	ASTM E831
	@Temperature -30.0 - 100 °C	@Temperature -22.0 - 212 °F	

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