

Exxtral™ Performance Polyolefin CMU308

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin designed with good stiffness/toughness balance for electrical appliances such as washing machine and dryer stands.

General

Features	- Balanced Stiffness/Toughness - Good Dimensional Stability
Uses	- Appliances - Automotive Interior Trim - Automotive Applications - Automotive Under the Hood
Appearance	Black
Form(s)	Pellets
Processing Method	Injection Molding

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10 g/10 min	10 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	0.671 in ³ /10min	11.0 cm ³ /10min	ISO 1133
Density	1.14 g/cm ³	1.14 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3550 psi	24.5 MPa	ISO 527-2/50
Tensile Strain at Yield	2.2 %	2.2 %	ISO 527-2/50
Flexural Modulus - Secant	450000 psi	3100 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength 73°F (23°C), Complete Break	2.0 ft-lb/in ²	4.2 kJ/m ²	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	149 °F	65.0 °C	ISO 75-2/A

