ExxonMobil

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

Availability [1]	• Africa & Middle East	• Europe
Features	• Balanced Stiffness/Toughness	• Good Dimensional Stability
Uses	• Appliances • Automotive Applications	• Automotive Interior Trim • Automotive Under the Hood
Appearance	• Black	
Form(s)	• Pellets	
Processing Method	• Injection Molding	
Revision Date	• 10/31/2014	

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					ISO 179
73°F (23°C), Complete Break	2.0	ft·lb/in^2	4.2	kJ/m^2	

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

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

This product is not intended for use in food contact application.

Notes

Typical properties: these are not to be construed as specifications.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.