ExxonMobil

Exxtral™ Performance Polyolefin HMU208

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin, black colored, with high stiffness and release agent for automotive HVAC and under-the-hood applications.

General

Availability [1]	▪ Africa & Middle East	▪ Europe	
Features	▪ Good Dimensional Stability	▪ Good Mold Release	▪ Ultra High Stiffness
Uses	▪ Automotive Applications	▪ Automotive Exterior Trim	▪ Automotive Under the Hood
Appearance	▪ Black		
Form(s)	▪ Pellets		
Processing Method	▪ Injection Molding		
Revision Date	▪ 11/25/2022		

Physical	Typical Value (English)		Typical Value (SI)		Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	14	cm^3/10min	14	cm^3/10min	ISO 1133
Density	1.06	g/cm^3	1.06	g/cm^3	ISO 1183

Mechanical	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Stress at Yield	5000	psi	34.5	MPa	ISO 527-2/50
Tensile Strain at Yield	4.0	%	4.0	%	ISO 527-2/50
Tensile Modulus - Secant	392000	psi	2700	MPa	ISO 527-1
Flexural Modulus	413000	psi	2850	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	1.5	$ft·lb/in^2$	3.1	kJ/m^2	

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Heat Deflection Temperature (1.80 MPa)	145	°F	63.0	°C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	244	°F	118	°C	ISO 75-2/B

Legal Statement

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

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

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.

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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