Exxtral™ Performance Polyolefin HMU202

Polypropylene, Compounded (TPO)

Product Description

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

General

Availability [1]	▪ Africa & Middle East	▪ Europe		
Features	▪ Good Dimensional Stability	▪ Low Emissions		
Uses	▪ Automotive Applications	▪ Automotive Interior Parts	▪ Automotive Interior Trim	
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)	9.0	g/10 min	9.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	13	cm^3/10min	13	cm^3/10min	ISO 1133
Density	1.04	g/cm^3	1.04	g/cm^3	ISO 1183

Mechanical	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Stress at Yield	5080	psi	35.0	MPa	ISO 527-2/50
Tensile Strain at Yield	4.0	%	4.0	%	ISO 527-2/50
Tensile Modulus - Secant	450000	psi	3100	MPa	ISO 527-1
Flexural Modulus	473000	psi	3260	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	1.4	$ft·lb/in^2$	3.0	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.

ExxonMobil

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

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