

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 73°F (23°C), Complete Break	1.4 ft-lb/in ²	3.0 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

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.

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

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