

Product Datasheet



Exxtral™ Performance Polyolefin BMW201P

Polypropylene, Compounded (TPO)

Product Description

A speciality thermoplastic polyolefin resin designed for automotive interior in which high flow, high dimensional stability, good stiffness toughness is required.

General

Availability ¹	- Africa & Middle East - Europe
Features	- Balanced Stiffness/Toughness - High Flow - Low Odor - Good Dimensional Stability - Low Emissions - Paintable
Uses	- Automotive Applications - Automotive Instrument Panel - Automotive Interior Parts
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)	42 g/10 min	42 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR)	50 cm ³ /10min	50 cm ³ /10min	ISO 1133
Density	1.05 g/cm ³	1.05 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3480 psi	24.0 MPa	ISO 527-2
Tensile Stress at Break	2760 psi	19.0 MPa	ISO 527-2
Tensile Strain at Yield	3.0 %	3.0 %	ISO 527-2
Tensile Modulus (73°F (23°C))	355000 psi	2450 MPa	ISO 527-1

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength 73°F (23°C), Complete Break	3.0 ft-lb/in ²	6.4 kJ/m ²	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	142 °F	61.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	243 °F	117 °C	ISO 75-2/B

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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ExxonMobil**Exxtral™ Performance Polyolefin BMW201P**
Polypropylene, Compounded (TPO)For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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