

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

Features	- Balanced Stiffness/Toughness - Good Dimensional Stability	- High Flow - Low Emissions	- Low Odor - Paintable
Uses	Automotive Applications	Automotive Instrument Panel	Automotive Interior Parts
Appearance	Black		
Form(s)	Pellets		
Processing Method	Injection Molding		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR)	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	3920 psi	27.0 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 527-2

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)	230 °F	110 °C	ISO 75-2/B

