

Exxtra™ Performance Polyolefin BMV215

Polypropylene, Compounded (TPO)

Product Description

A speciality thermoplastic polyolefin resin characterized by a good stiffness/toughness balance and designed for automotive interior applications in which high scratch resistance, low emissions and good UV resistance are required. It exhibits non-tacky behavior when simultaneously exposed to UV radiance at high temperatures.

General

Availability ¹	▪ Africa & Middle East	▪ Europe	
Features	▪ High Flow	▪ High Impact Resistance	▪ High Stiffness
Uses	▪ Automotive Bumper	▪ Automotive Exterior Parts	▪ Automotive Exterior Trim
Appearance	▪ Colors Available		
Form(s)	▪ Pellets		
Processing Method	▪ Injection Molding		
Revision Date	▪ 03/09/2015		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR)	32 g/10 min	32 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR)	2.32 in ³ /10min	38.0 cm ³ /10min	ISO 1133
Density	1.01 g/cm ³	1.01 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	2440 psi	16.8 MPa	ISO 527-2
Tensile Modulus - Secant (73°F (23°C))	220000 psi	1520 MPa	ISO 527-2
Flexural Modulus	242000 psi	1670 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength -4°F (-20°C), Complete Break	3.6 ft·lb/in ²	7.5 kJ/m ²	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	122 °F	50.2 °C	ISO 75-2/A
HDT B (0.45 MPa) Annealed	219 °F	104 °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.

