

# Exxtra™ Performance Polyolefin BMU133

## Polypropylene, Compounded (TPO)

### Product Description

A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance and designed for paintable automotive exterior applications.

### General

Availability <sup>1</sup>	▪ Europe
Features	<ul style="list-style-type: none"> <li>▪ Balanced Stiffness/Toughness</li> <li>▪ Ductile</li> <li>▪ High Impact Resistance</li> <li>▪ Low Temperature Impact Resistance</li> <li>▪ Paintable</li> </ul>
Uses	<ul style="list-style-type: none"> <li>▪ Automotive Applications</li> <li>▪ Automotive Bumper</li> <li>▪ Automotive Exterior Parts</li> <li>▪ Automotive Exterior Trim</li> </ul>
Appearance	▪ Black
Form(s)	▪ Pellets
Processing Method	▪ Injection Molding
Revision Date	▪ 02/01/2011

	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15 g/10 min	15 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	1.16 in <sup>3</sup> /10min	19.0 cm <sup>3</sup> /10min	ISO 1133
Density	0.954 g/cm <sup>3</sup>	0.954 g/cm <sup>3</sup>	ISO 1183

	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	2570 psi	17.7 MPa	ISO 527-2/50
Tensile Stress at Break	2000 psi	13.8 MPa	ISO 527-2/50
Tensile Strain at Yield	3.5 %	3.5 %	ISO 527-2/50
Tensile Strain at Break	39 %	39 %	ISO 527-2/50
Tensile Modulus - Secant	199000 psi	1370 MPa	ISO 527-2

	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength			ISO 179
-22°F (-30°C), Complete Break	2.6 ft·lb/in <sup>2</sup>	5.4 kJ/m <sup>2</sup>	
-4°F (-20°C), Complete Break	3.3 ft·lb/in <sup>2</sup>	6.9 kJ/m <sup>2</sup>	

	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	120 °F	49.0 °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.

<sup>1</sup> Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

