

Exxtra™ Performance Polyolefin BMU131

Polypropylene, Compounded (TPO)

Product Description

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

General

Availability ¹	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	
Features	<ul style="list-style-type: none"> Balanced Stiffness/Toughness Ductile 	<ul style="list-style-type: none"> Good Surface Finish Good UV Resistance 	<ul style="list-style-type: none"> Good Weather Resistance Low Temperature Impact Resistance
Uses	<ul style="list-style-type: none"> Automotive Bumper 	<ul style="list-style-type: none"> Automotive Exterior Parts 	<ul style="list-style-type: none"> Automotive Exterior Trim
Appearance	<ul style="list-style-type: none"> Colors Available 		
Form(s)	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 		
Revision Date	<ul style="list-style-type: none"> 11/21/2014 		

	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 ³ /10min	19.0 cm ³ /10min	ISO 1133
Density	0.980 g/cm ³	0.980 g/cm ³	ISO 1183

	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	2470 psi	17.0 MPa	ISO 527-2
Tensile Stress at Break	1890 psi	13.0 MPa	ISO 527-2
Tensile Strain at Yield	4.0 %	4.0 %	ISO 527-2
Tensile Strain at Break	54 %	54 %	ISO 527-2
Tensile Modulus - Secant (73°F (23°C))	180000 psi	1240 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	2.9 ft·lb/in ²	6.0 kJ/m ²	
-4°F (-20°C), Complete Break	3.8 ft·lb/in ²	8.0 kJ/m ²	

	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	118 °F	48.0 °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.

