

Exxtra™ Performance Polyolefin CNW010

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin designed for injection molded automotive interior trim applications requiring low warpage.

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"> Good Surface Finish 	<ul style="list-style-type: none"> High Flow Low to No Fogging
Uses	<ul style="list-style-type: none"> Automotive Applications Automotive Interior Parts 	<ul style="list-style-type: none"> Automotive Interior Trim Consumer Applications
Appearance	<ul style="list-style-type: none"> Natural Color 	
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"> 11/26/2014 	

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	38 g/10 min	38 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	3.17 in ³ /10min	52.0 cm ³ /10min	ISO 1133
Density	0.900 g/cm ³	0.900 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3340 psi	23.0 MPa	ISO 527-2/50
Tensile Stress at Break	2470 psi	17.0 MPa	ISO 527-2/50
Tensile Strain at Yield	5.0 %	5.0 %	ISO 527-2/50
Tensile Strain at Break	22 %	22 %	ISO 527-2/50
Tensile Modulus - Secant	160000 psi	1100 MPa	ISO 527-2

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength			ISO 179
32°F (0°C), Complete Break	2.6 ft·lb/in ²	5.5 kJ/m ²	
73°F (23°C), Complete Break	4.3 ft·lb/in ²	9.0 kJ/m ²	

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	124 °F	51.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	180 °F	82.0 °C	ISO 75-2/B

Legal Statement

This product is not intended for use in food contact application.

This product is not intended for use in medical applications and should not be used in any such applications.

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.

