

Exxtra™ Performance Polyolefin LNV010

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin with high gloss, low warpage, and low discoloration in contact with hot water/steam in large electrical appliances such as washing machines. Contains anti-static additive.

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 Mold Release 	<ul style="list-style-type: none"> Good Surface Finish 	<ul style="list-style-type: none"> High Flow
Uses	<ul style="list-style-type: none"> Appliance Components 	<ul style="list-style-type: none"> Appliances 	<ul style="list-style-type: none"> Consumer Applications
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"> 11/26/2014 		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 g/10 min	30 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	2.50 in ³ /10min	41.0 cm ³ /10min	ISO 1133
Density	0.897 g/cm ³	0.897 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	5030 psi	34.7 MPa	ISO 527-2/50
Tensile Strain at Yield	7.0 %	7.0 %	ISO 527-2/50
Tensile Modulus - Secant	232000 psi	1600 MPa	ISO 527-2

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength			ISO 179
-22°F (-30°C)	0.62 ft-lb/in ²	1.3 kJ/m ²	
73°F (23°C)	1.1 ft-lb/in ²	2.4 kJ/m ²	

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	126 °F	52.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	198 °F	92.0 °C	ISO 75-2/B
Vicat Softening Temperature	307 °F	153 °C	ISO 306/A50

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

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.

