

**Exxtral™ Performance Polyolefin CNU011**  
**Polypropylene, Compounded (TPO)**  
 ExxonMobil Chemical Web



### Product Description

A specialty thermoplastic polyolefin resin designed for injection molded automotive interior applications in which good surface finish and UV resistance is required.

### General

Material Status	● Commercial: Active		
Literature <sup>1</sup>	● Typical Values Datasheet		
Availability	● Africa & Middle East ● Asia Pacific	● Europe ● North America	● South America
Features	● Balanced Stiffness/Toughness ● Good Impact Resistance	● Good Surface Finish ● Low Emissions	● Low to No Fogging ● Low to No Odor
Uses	● Automotive Applications	● Automotive Interior Parts	● Automotive Interior Trim
Appearance	● Colors Available		
Forms	● Pellets		
Processing Method	● Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	21.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1150	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	24.0	MPa	
Break	16.0	MPa	
Tensile Strain			ISO 527-2/50
Yield	6.0	%	
Break	> 100	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C, Complete Break	5.7	kJ/m <sup>2</sup>	
23°C, Complete Break	10	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	76.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	48.0	°C	ISO 75-2/A

### 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

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.



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### Revision History

Added to Prospector: February, 2009  
 Last Updated: 2/12/2011

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