

# Exxtra™ Performance Polyolefin CMU205

## Polypropylene, Compounded (TPO)

### Product Description

A specialty thermoplastic polyolefin resin designed for automotive exterior applications such as cowl vent grills in which a good stiffness/toughness balance, good surface quality and high UV resistance is required.

### General

Availability <sup>1</sup>	▪ Africa & Middle East	▪ Europe	
Features	▪ Good Dimensional Stability	▪ Good Surface Finish	▪ Good Weather Resistance
Uses	▪ Automotive Exterior Parts	▪ Automotive Interior Parts	
	▪ Automotive Exterior Trim	▪ Automotive Interior Trim	
Appearance	▪ Black		
Form(s)	▪ Pellets		
Processing Method	▪ Injection Molding		
Revision Date	▪ 03/21/2017		

Physical	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)	17 cm <sup>3</sup> /10min	17 cm <sup>3</sup> /10min	ISO 1133
Density	1.05 g/cm <sup>3</sup>	1.05 g/cm <sup>3</sup>	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 Strain at Yield	3.1 %	3.1 %	ISO 527-2/50
Tensile Modulus - Secant (73°F (23°C))	325000 psi	2240 MPa	ISO 527-2

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength 73°F (23°C), Complete Break	3.3 ft·lb/in <sup>2</sup>	7.0 kJ/m <sup>2</sup>	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	135 °F	57.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	225 °F	107 °C	ISO 75-2/B

### 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.

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For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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