

Exxtra™ Performance Polyolefin CMV210S

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin designed for automotive interior trim in which good surface finish, high scratch resistance, good stiffness/toughness and UV resistance are required.

General

Availability ¹	▪ Africa & Middle East	▪ Europe	
Features	▪ Good Stiffness	▪ High Scratch Resistance	▪ Medium Flow
Uses	▪ Automotive Applications	▪ Automotive Interior Parts	▪ Automotive Interior Trim
Appearance	▪ Colors Available		
Form(s)	▪ Pellets		
Processing Method	▪ Injection Molding		
Revision Date	▪ 11/25/2022		

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 g/10 min	17 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	19 cm ³ /10min	19 cm ³ /10min	ISO 1133
Density	1.03 g/cm ³	1.03 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3610 psi	24.9 MPa	ISO 527-2
Tensile Strain at Yield	4.0 %	4.0 %	ISO 527-2
Tensile Modulus (73°F (23°C))	305000 psi	2100 MPa	ISO 527-1
Flexural Modulus	326000 psi	2250 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact Strength 73°F (23°C), Complete Break	3.4 ft-lb/in ²	7.2 kJ/m ²	ISO 180/1A
Charpy Notched Impact Strength 73°F (23°C), Complete Break	3.8 ft-lb/in ²	8.0 kJ/m ²	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	131 °F	55.0 °C	ISO 75-2/A
Heat Deflection Temperature (0.45 MPa)	212 °F	100 °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.

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.

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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