

Product Datasheet



Exxtral™ Performance Polyolefin CMV101A

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin characterized by a good stiffness/toughness balance and designed for automotive interior trim applications. UV stabilized.

General

Availability ¹	▪ Africa & Middle East	▪ Europe
Features	▪ Good Flow	▪ Good Processability
Uses	▪ Automotive Interior Trim	
Appearance	▪ Colors Available	
Form(s)	▪ Pellets	
Processing Method	▪ Injection Molding	
Revision Date	▪ 09/21/2022	

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28 g/10 min	28 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	35 cm ³ /10min	35 cm ³ /10min	ISO 1133
Density	0.970 g/cm ³	0.970 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3710 psi	25.6 MPa	ISO 527-2/50
Tensile Strain at Yield	3.6 %	3.6 %	ISO 527-2
Tensile Modulus - Secant	274000 psi	1890 MPa	ISO 527-1
Flexural Modulus	264000 psi	1820 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact Strength 73°F (23°C), Complete Break	2.6 ft-lb/in ²	5.4 kJ/m ²	ISO 180/A
Charpy Notched Impact Strength 73°F (23°C), Complete Break	2.9 ft-lb/in ²	6.1 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)	219 °F	104 °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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ExxonMobil**Exxtral™ Performance Polyolefin CMV101A**
Polypropylene, Compounded (TPO)For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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