

Exxtra™ Performance Polyolefin CMV241

Polypropylene, Compounded (TPO)

Product Description

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

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"> Balanced Stiffness/Toughness Good Surface Finish 	<ul style="list-style-type: none"> Good UV Resistance Low Emissions
Uses	<ul style="list-style-type: none"> Automotive Applications 	<ul style="list-style-type: none"> Automotive Interior Parts Automotive Interior Trim
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"> 11/25/2014 	

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22 g/10 min	22 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	1.65 in ³ /10min	27.0 cm ³ /10min	ISO 1133
Density	1.05 g/cm ³	1.05 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at Yield	3190 psi	22.0 MPa	ISO 527-2/50
Tensile Modulus - Secant (73°F (23°C))	318000 psi	2190 MPa	ISO 527-2
Flexural Modulus	325000 psi	2240 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength			ISO 179
32°F (0°C), Complete Break	1.7 ft-lb/in ²	3.5 kJ/m ²	
73°F (23°C), Complete Break	2.9 ft-lb/in ²	6.0 kJ/m ²	

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	129 °F	54.0 °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.

