

Exxtra™ Performance Polyolefin CMV206

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	<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"> Good Flow 	<ul style="list-style-type: none"> Good Stiffness 	<ul style="list-style-type: none"> High Scratch Resistance
Uses	<ul style="list-style-type: none"> Automotive Interior Parts 	<ul style="list-style-type: none"> 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)	18 g/10 min	18 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	1.22 in ³ /10min	20.0 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	3630 psi	25.0 MPa	ISO 527-2
Tensile Strain at Yield	4.0 %	4.0 %	ISO 527-2
Tensile Modulus - Secant (73°F (23°C))	319000 psi	2200 MPa	ISO 527-2
Flexural Modulus	334000 psi	2300 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact Strength 73°F (23°C), Complete Break	4.0 ft-lb/in ²	8.5 kJ/m ²	ISO 180
Charpy Notched Impact Strength 73°F (23°C), Complete Break	4.8 ft-lb/in ²	10 kJ/m ²	ISO 179

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)	221 °F	105 °C	ISO 75-2/B

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

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.

