

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

Features	- Balanced Stiffness/Toughness - Good UV Resistance - Good Surface Finish - Low Emissions
Uses	- Automotive Applications - Automotive Interior Parts - Automotive Interior Trim
Appearance	Colors Available
Form(s)	Pellets
Processing Method	Injection Molding

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

