

Exxtral™ 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

Features	▪ Good Flow	▪ Good Stiffness	▪ High Scratch Resistance
Uses	▪ 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)	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

