

Exxtral™ Performance Polyolefin CMU201

Polypropylene, Compounded (TPO)

Product Description

A specialty thermoplastic polyolefin resin designed for automotive interior covered applications such as retainers in which a good stiffness toughness balance is required.

General

Features	▪ Creep Resistant ▪ Good Dimensional Stability ▪ Low Warpage
Uses	▪ Automotive Applications ▪ Automotive Interior Trim ▪ Automotive Interior Parts ▪ Automotive Under the Hood
Appearance	▪ Black
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)	15 g/10 min	15 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	17 cm ³ /10min	17 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 527-2/50
Tensile Strain at Yield	3.0 %	3.0 %	ISO 527-2/50
Tensile Modulus - Secant	341000 psi	2350 MPa	ISO 527-2
Flexural Modulus	339000 psi	2340 MPa	ISO 178

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength 73°F (23°C), Complete Break	2.6 ft·lb/in ²	5.5 kJ/m ²	ISO 179

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	140 °F	60.0 °C	ISO 75-2/A

