Exxtral™ Performance Polyolefin CMU201

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A special thermoplastic polyolefin resin used in automotive interior components (such as positioners) that require a good balance of rigidity and toughness.

General Information			
Features	Good dimensional stability Low warpage Equilibrium rigidity/toughness Good creep resistance Good demoulding performance		
Uses	Parts under the hood of a car Application in Automobile Field Car interior parts Car interior equipment		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	17.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus - Secant	2350	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	25.0	MPa	ISO 527-2/50
Fracture	19.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	3.0	%	ISO 527-2/50
Fracture	23	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-20°C, complete fracture	2.9	kJ/m²	ISO 179
0°C, complete fracture	3.2	kJ/m²	ISO 179
23°C, complete fracture	4.7	kJ/m²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A

Legal statement

本产品不宜在与食品接触的应用中使用.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

Recommended distributors for this material

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