

Exxtral™ Performance Polyolefin CMU236

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A special thermoplastic polyolefin resin for automotive interior components (such as positioners) that require a good rigidity/toughness balance and low emissions.

General Information			
Features	Low to No Fogging		
	Good dimensional stability		
	Low volatilization		
	Equilibrium rigidity/toughness		
	The smell is low to none		
	Medium impact resistance		
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/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	18.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	2420	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	24.0	MPa	ISO 527-2/50
Fracture	17.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	3.0	%	ISO 527-2/50
Fracture	30	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C, complete fracture	3.5	kJ/m ²	ISO 179
23°C, complete fracture	6.7	kJ/m ²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	109	°C	ISO 75-2/B
1.8 MPa, not annealed	58.0	°C	ISO 75-2/A
Legal statement			

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本产品不宜在与食品接触的应用中使用.

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