

Exxtral™ Performance Polyolefin HMU405

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

The invention relates to a special thermoplastic polyolefin resin with high fluidity, high rigidity, low emission and low odor properties. Usually used in automobile heating and air conditioning devices.

General Information			
Features	Super rigidity		
	Good dimensional stability		
	Low volatilization		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
	Car interior parts		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	4500	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	3.0	%	ISO 527-2/50
Fracture	4.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	130	°C	ISO 75-2/B
1.8 MPa, not annealed	76.0	°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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