

Exxtral™ Performance Polyolefin BMU131

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A special thermoplastic polyolefin resin is used for automotive exterior parts that require good surface appearance and good weather resistance.

General Information			
Features	Equilibrium rigidity/toughness		
	Good UV resistance		
	Low temperature impact resistance		
	Good weather resistance		
	ductility		
	Excellent appearance		
Uses	Car anti-collision bar		
	Automotive exterior parts		
	Car exterior decoration		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	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)	19.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1240	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	17.0	MPa	ISO 527-2
Fracture	13.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	4.0	%	ISO 527-2
Fracture	54	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C, complete fracture	6.0	kJ/m ²	ISO 179
-20°C, complete fracture	8.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	48.0	°C	ISO 75-2/A
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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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