

Exxtral™ Performance Polyolefin BMU233

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A special thermoplastic polyolefin resin with good surface finish and high UV resistance is used for automotive exterior parts (such as body guards).

General Information			
Features	Good dimensional stability		
	Rigidity, high		
	Impact resistance, good		
	Good creep resistance		
	Good weather resistance		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Car exterior decoration		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	16.5	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1680	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	18.0	MPa	ISO 527-2/50
Fracture	14.0	MPa	ISO 527-2/50
Flexural Modulus	1890	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	4.5	kJ/m ²	ISO 179
-20°C	6.5	kJ/m ²	ISO 179
0°C	11	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°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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