

Exxtral™ Performance Polyolefin BMV215

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A speciality thermoplastic polyolefin resin characterized by a good stiffness/toughness balance, designed for automotive exterior application, with outstanding flowability. UV stabilized.

General Information			
Features	Rigidity, high		
	Impact resistance, high		
	High liquidity		
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	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	32	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR)	38.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1520	MPa	ISO 527-2
Tensile Stress (Yield)	16.8	MPa	ISO 527-2
Tensile Strain (Yield)	3.5	%	ISO 527-2
Flexural Modulus	1670	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-20°C, completely broken)	7.5	kJ/m ²	ISO 179
Notched Izod Impact (-20°C, completely broken)	7.2	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, annealed	104	°C	ISO 75-2/B
1.8 MPa, not annealed	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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