

Exxtral™ Performance Polyolefin CMV241

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

A special thermoplastic polyolefin resin with low odor and low emission is used for automobile interior parts.

General Information			
Features	Low volatilization		
	Equilibrium rigidity/toughness		
	Good UV resistance		
	Excellent appearance		
Uses	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
Appearance	Available colors		
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)	22	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	27.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	2190	MPa	ISO 527-2
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50
Flexural Modulus	2240	MPa	ISO 178
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	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	100	°C	ISO 75-2/B
1.8 MPa, not annealed	54.0	°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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

