

Exxtral™ Performance Polyolefin CNR012

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

The invention relates to a special thermoplastic polyolefin resin, which is used in injection molding automobile occasions.

General Information			
Features	Low to No Fogging Impact resistance, high Good creep resistance ductility Excellent appearance		
Uses	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	5.40	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1000	MPa	ISO 527-2
Tensile Stress (Yield)	23.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	10	%	ISO 527-2/50
Fracture	> 400	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.4	kJ/m ²	ISO 179
0°C	6.5	kJ/m ²	ISO 179
23°C	16	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	77.0	°C	ISO 75-2/B
1.8 MPa, not annealed	48.0	°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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