

Exxtral™ Performance Polyolefin CNU013

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

The invention relates to a special thermoplastic polyolefin resin with good UV resistance and is used for automotive exterior parts.

General Information			
Features	Low to No Fogging		
	Low volatilization		
	Equilibrium rigidity/toughness		
	Impact resistance, good		
	Good UV resistance		
	The smell is low to none		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Car exterior decoration		
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)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	21.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1100	MPa	ISO 527-2
Tensile Stress			ISO 527-2/50
Yield	24.0	MPa	ISO 527-2/50
Fracture	17.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	5.5	%	ISO 527-2/50
Fracture	> 50	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C, complete fracture	5.0	kJ/m ²	ISO 179
0°C, complete fracture	6.8	kJ/m ²	ISO 179
23°C, complete fracture	11	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, not annealed	78.0	°C	ISO 75-2/B
1.8 MPa, not annealed	48.0	°C	ISO 75-2/A

Legal statement

本产品不宜在与食品接触的应用中使用.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

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