

Exxtral™ Performance Polyolefin LNT010

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

The invention relates to a special thermoplastic polyolefin resin, which has high thermal aging resistance, high transparency, low coloring and low fading properties after contact with hot water, hot air and detergent, and is suitable for electrical applications (such as washing machines).

General Information			
UL YellowCard	E31790-100369872		
Features	Thermal stability, good		
	Good demoulding performance		
	Excellent appearance		
Uses	Electrical appliances		
	Home appliance components		
	Parts under the hood of a car		
	Application in Automobile Field		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	7.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1400	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	10	%	ISO 527-2/50
Fracture	> 200	%	ISO 527-2/50
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	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
Vicat Softening Temperature	81.0	°C	ISO 306/B50

Legal statement

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

