

Exxtral™ Performance Polyolefin LNV010

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

Message:

The invention relates to a special thermoplastic polyolefin resin with high finish, low warpage and low fading performance after contact with hot water/steam, and is suitable for large electrical appliances (such as washing machines). Contains antistatic additives.

General Information			
UL YellowCard	E31790-230713		
Features	High liquidity		
	Good demoulding performance		
	Excellent appearance		
Uses	Electrical appliances		
	Home appliance components		
	Consumer goods application field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.897	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	41.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1600	MPa	ISO 527-2
Tensile Stress (Yield)	34.7	MPa	ISO 527-2/50
Tensile Strain (Yield)	7.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	1.3	kJ/m²	ISO 179
23°C	2.4	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	92.0	°C	ISO 75-2/B
1.8 MPa, not annealed	52.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306/A50
Legal statement			

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