

ExxonMobil™ PP7064L1

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

An impact copolymer resin containing a nucleating agent with medium fluidity, high rigidity and antistatic properties. It is suitable for consumer goods, bottle stoppers, containers, toys and other molding occasions and hard packaging occasions.

General Information			
Features	Nucleated		
	Rigidity, high		
	High crystallization		
	Antistatic property		
	Good liquidity		
Uses	Tools/Parts Box		
	Industrial application		
	Architectural application field		
	Barrel		
	Loading box		
Appearance	Natural color		
Forms	Particle		
Processing Method	Composite		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1600	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.1	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.8	%	ISO 527-2/50
Flexural Modulus	1460	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.5	kJ/m ²	ISO 179/1eA
0°C	5.8	kJ/m ²	ISO 179/1eA
23°C	9.3	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C)	8.1	kJ/m ²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	101	°C	ISO 75-2/B
1.8 MPa, not annealed	53.5	°C	ISO 75-2/A
Vicat Softening Temperature	148	°C	ISO 306/A50
Melting Temperature (DSC)	162	°C	ISO 3146
Peak Crystallization Temperature (DSC)	127	°C	ISO 3146

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.

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