

ExxonMobil™ PP7033L1

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

An impact-resistant copolymer resin with low fluidity. It is suitable for extrusion occasions such as sheet and thermoforming. It is also suitable for molding occasions such as boxes, barrels, containers and boxes, as well as other consumer and industrial products.

General Information	
Features	Low liquidity
Uses	Tools/Parts Box
	Industrial application
	Container
	Consumer goods application field
Appearance	Natural color
Forms	Particle
Processing Method	Sheet extrusion molding
	Thermoforming
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1140	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.1	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Flexural Modulus - Secant	1010	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.8	kJ/m ²	ISO 179/1eA
0°C	4.9	kJ/m ²	ISO 179/1eA
23°C	11	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C)	9.6	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	75.5	°C	ISO 75-2/B
1.8 MPa, not annealed	47.6	°C	ISO 75-2/A
Vicat Softening Temperature	147	°C	ISO 306/A50

Melting Temperature (DSC)	161	°C	ISO 3146
Peak Crystallization Temperature (DSC)	113	°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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