

ExxonMobil PP7075L1 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Product Description: A nucleated impact copolymer resin with high flow and antistatic properties. It is suitable for molding applications like disposable houseware, consumer products, toys and rigid packaging applications. **Availability:** Africa & Middle East and Europe

Features: Antistatic Controlled Rheology High Flow Nucleated **Uses:** Consumer Applications Industrial Applications Rigid Packaging Sporting Goods Tool/Tote Box Toys **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP7075L1-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	54 g/10 min @Load 2.16 kg, Temperature 230 °C	54 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62	62	ISO 868
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527-2/50
Elongation at Yield	4.0 %	4.0 %	ISO 527-2/50
Tensile Modulus	1.25 GPa	181 ksi	Secant; ISO527-2/1
Flexural Modulus	1.25 GPa	181 ksi	ISO 178
Izod Impact, Notched (ISO)	5.04 kJ/m ²	2.40 ft-lb/in ²	ISO 180/1A
Charpy Impact, Notched	0.399 J/cm ² @Temperature -20.0 °C	1.90 ft-lb/in ² @Temperature -4.00 °F	ISO 179/1eA
	0.504 J/cm ² @Temperature 0.000 °C	2.40 ft-lb/in ² @Temperature 32.0 °F	ISO 179/1eA
	0.798 J/cm ² @Temperature 22.8 °C	3.80 ft-lb/in ² @Temperature 73.0 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	324 °C	615 °F	ISO 3146
Crystallization Temperature	253 °C	487 °F	ISO 3146

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (67 psi)	85.1 °C	187 °F	ISO 75-2/A
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ISO 75-2/A
Vicat Softening Point	147 °C	297 °F	ISO 306/A50

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China