

ExxonMobil LL 6407.67 Injection Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

L Product Description: LL 6407 is a narrow molecular weight hexene copolymer designed for applications that require outstanding environmental stress crack resistance. This resin offers good processability with minimal warpage and outstanding toughness for cold temperature durability. Availability: Latin America, North America and South America Additive: Thermal Stabilizer: Yes Applications: Caps and Closures Cargo handling boxes Large Lids Large Part Housewares Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-640767-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.936 g/cc	0.0338 lb/in ³	ASTM D4883
Environmental Stress Crack Resistance	240 hour	240 hour	Condition B, 10%; ASTM D1693
Melt Flow	6.8 g/10 min @Load 2.16 kg, Temperature 190 °C	6.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D638
Elongation at Break	1100 %	1100 %	ASTM D638
Flexural Modulus	0.641 GPa	93.0 ksi	2% secant; ASTM D790
Flexural Modulus, 1% Secant	758 MPa	110000 psi	Product Description: LL 6407 is a narrow molecular

Thermal Properties	Metric	English	Comments
Melting Point	128 °C	262 °F	ASTM D3418
Vicat Softening Point	112 °C	234 °F	ASTM D1525

Descriptive Properties	Value	Comments
Features	antioxidant thermal protection	
Form	PELLET	

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