

ExxonMobil® LL 6407.67

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

Physical Properties	Metric	English	Comments
Density	0.936 g/cc	0.0338 lb/in³	ASTM D4883

ESCR 10% Igepal®	240 hour	240 hour	Condition B; ASTM D1693
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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
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Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D638

Elongation at Break	1100 %	1100 %	ASTM D638
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Flexural Modulus	0.641 GPa @Strain 2 %	93.0 ksi @Strain 2 %	Secant; ASTM D790
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Flexural Modulus, 1% Secant	758 MPa	110000 psi	Product Description: LL 6407 is a narrow molecular
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Thermal Properties	Metric	English	Comments
Melting Point	128 °C	262 °F	ASTM D3418

Vicat Softening Point	112 °C	234 °F	ASTM D1525
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Descriptive Properties			
Features	antioxidant thermal protection		
Form	PELLET		