SALES PLASTICS.COM

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ExxonMobil® LL 6100.17

Product Description: LL 6100 is a narrow molecular weight butane copolymer designed for applications that require easy processability. This resin offers outstanding toughness and tear resistance in freezer applications for food packaging.
Availability: Latin America, North America and South America

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in³	ASTM D4883
ESCR 10% Igepal®	330 hour	330 hour	Condition B; ASTM D1693
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	11.72 MPa	1700 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	0.427 GPa @Strain 2 %	62.0 ksi @Strain 2 %	Secant; ASTM D790
Flexural Modulus, 1% Secant	483 MPa	70000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	ASTM D3418
Vicat Softening Point	92.2 °C	198 °F	ASTM D1525

Descriptive Properties	
Features	Standard processing antioxidants
Form	PELLET

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