

## ExxonMobil LL 6201.19 Injection Molding Resin

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

**Material Notes:**

Product Description: LL 6201 is a narrow molecular weight butane copolymer designed for applications that require excellent toughness. This resin offers easy processability for applications that require outstanding tear resistance and low warpage. Availability: Latin America, North America and South America Applications: Caps/Closures/Lids Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LL-620119-Injection-Molding-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LL-620119-Injection-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in <sup>3</sup>	ASTM D4883
Environmental Stress Crack Resistance	30 hour	30 hour	Condition B, 10%; ASTM D1693
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 190 °C	50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	11.7 MPa	1700 psi	ASTM D638
Elongation at Break	80 %	80 %	ASTM D638
Flexural Modulus	0.421 GPa	61.0 ksi	2% secant; ASTM D790
Flexural Modulus, 1% Secant	469 MPa	68000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	123 °C	253 °F	ASTM D3418
Vicat Softening Point	85.0 °C	185 °F	ASTM D1525

Descriptive Properties	Value	Comments
Features	Standard processing antioxidants	
Form	PELLET	

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