

**ExxonMobil LL 6202 Injection Molding Resin (discontinued \*\*)**

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

**Material Notes:**

LL 6202 is a narrow molecular weight butene copolymer designed for applications that require excellent toughness. This resin offers easy processability for applications that require outstanding tear resistance and low warpage. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LL-6202-Injection-Molding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-LL-6202-Injection-Molding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in <sup>3</sup>	ASTM D4883
Environmental Stress Crack Resistance	4.0 hour	4.0 hour	Condition B, 10%; ASTM D1693
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	11.8 MPa	1710 psi	ASTM D638
Elongation at Break	510 %	510 %	ASTM D638
Flexural Modulus	0.293 GPa	42.5 ksi	1% secant; ASTM D790
Tensile Impact Strength	302 kJ/m <sup>2</sup> @Temperature -40.0 °C	144 ft-lb/in <sup>2</sup> @Temperature -40.0 °F	ASTM D1822

Thermal Properties	Metric	English	Comments
Melting Point	123 °C	253 °F	ASTM D3418
Crystallization Temperature	107 °C	225 °F	ASTM D3418
Vicat Softening Point	99.4 °C	211 °F	ASTM D1525
Brittleness Temperature	>= -70.0 °C	>= -94.0 °F	ASTM D746

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