

ExxonMobil™ LLDPE LL 6201.19

Linear Low Density Polyethylene Resin

Product Description

LL 6201 is a narrow molecular weight butene copolymer designed for applications that require very easy processability in thin walled parts. This resin offers excellent toughness and tear resistance in freezer applications for food packaging.

General

Availability ¹	<ul style="list-style-type: none"> Latin America North America
Applications	<ul style="list-style-type: none"> Closures and Dispensers Housewares Freezer Lids Protective Caps
Revision Date	<ul style="list-style-type: none"> 03/13/2015

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.926 g/cm ³	0.926 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	50 g/10 min	50 g/10 min	ASTM D1238

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	185 °F	85 °C	ASTM D1525
Peak Melting Temperature	252 °F	122 °C	ASTM D3418

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	1700 psi	12 MPa	ASTM D638
Elongation at Break	80 %	80 %	ExxonMobil Method
Flexural Modulus			ASTM D790B
1% Secant	68000 psi	470 MPa	
2% Secant	61000 psi	420 MPa	
Environmental Stress-Crack Resistance			ASTM D1693B
10% Igepal, F50	30 hr	30 hr	

Additional Information

- Properties are based on compression molded samples.
- Test procedures may be modified to accommodate operating conditions or facility limitations.
- Tensile Strength at Yield and Elongation at Break tested using ASTM D638 Type IV, 50 mm/min.

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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