ExxonMobil™ LLDPE
LL 6201.19

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]	• Latin America	• North America	• South America
Forms	• Pellets		
Processing Method	• Injection Molding		
Revision Date	• 2/2007		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Index (190°C/2.16 kg)	50 g/10 min	50 g/10 min	ASTM D1238
Density	0.926 g/cm³	0.926 g/cm³	ASTM D4883

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Point	197 °F	91.8 °C	ASTM D1525
Peak Crystallization Temperature (DSC)	253 °F	123 °C	ASTM D3418

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength (Yield)	1650 psi	11.4 MPa	ASTM D638
Tensile Elongation (Break)	90 %	90 %	ASTM D638
Flexural Modulus - 1% Secant	39200 psi	270 MPa	ASTM D790
Environmental Stress-Cracking Resistance	< 1.00 hr	< 1.00 hr	ASTM D1693

Additional Properties

Applications
- Freezer Lids
- Housewares
- Closures and Dispensers
- Protective caps

Processing Statement

1. Properties are based on injection molded samples.
2. Test procedures may be modified to accommodate operating conditions or facility limitations.

Foodlaw & Medical Use Statement

LL 6201.19 grade can - in principle - be used in food contact applications in the USA (FDA) and in Canada (HPB). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.
ExxonMobil Polyethylene is not intended for use in medical applications.

Notes

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