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]	• Latin America	• North America	• South America
Applications	• Closures and Dispensers • Freezer Lids	• Housewares • Protective Caps	
Revision Date	• 2/2007		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.926 g/cm³	0.926 g/cm³	ASTM D4883
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	197 °F	91.8 °C	ASTM D1525
Melting Temperature	253 °F	123 °C	ASTM D3418

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	1650 psi	11.4 MPa	ASTM D638
Elongation at Break	90 %	90 %	ASTM D638
Flexural Modulus - 1% Secant	39200 psi	270 MPa	ASTM D790B
Environmental Stress-Crack Resistance			ASTM D1693B
10% Igepal, F50	< 1.00 hr	< 1.00 hr	

Additional Information

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

Legal 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. Please contact your Sales Representative for complete Country Availability.

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

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