

Product Datasheet



ExxonMobil™ LLDPE LL 6201.19

Linear Low Density Polyethylene Resin

Product Description

ExxonMobil™ LL 6201.19 resin is a narrow molecular weight ethylene 1-butene copolymer designed for applications that require easy processability in thin walled parts. This resin offers outstanding toughness and tear resistance in freezer applications for food packaging.

General

Availability ¹	- Latin America - North America
Additive	Thermal Stabilizer: Yes
Applications	- Closures and Dispensers - Housewares - Freezer Lids - Protective Caps
Form(s)	Pellets
Revision Date	06/11/2020

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	180 °F	82.0 °C	ExxonMobil Method
Peak Melting Temperature	250 °F	121 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	2000 psi	14 MPa	ExxonMobil Method
Elongation at Break	157 %	157 %	ExxonMobil Method
Flexural Modulus			ExxonMobil Method
1% Secant : Procedure B	74000 psi	510 MPa	
2% Secant : Procedure B	64000 psi	440 MPa	
Environmental Stress-Crack Resistance			ExxonMobil Method
Condition B, 10% Igepal, F50	40 hr	40 hr	

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).

Processing Statement

All physical properties were measured on compression molded specimens.

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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