

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

Additive	▪ Thermal Stabilizer: Yes	
Applications	▪ Closures and Dispensers ▪ Freezer Lids	▪ Housewares ▪ Protective Caps
Form(s)	▪ Pellets	

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 °C	ASTM D1525
Peak Melting Temperature	250 °F	121 °C	ASTM D3418

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	2000 psi	14 MPa	ASTM D638
Elongation at Break	160 %	160 %	ASTM D638
Flexural Modulus			ASTM D790B
1% Secant	74000 psi	510 MPa	
2% Secant	64000 psi	440 MPa	
Environmental Stress-Crack Resistance			ASTM D1693B
10% Igepal, F50	40 hr	40 hr	

Additional Information

- Properties are based on compression molded plaques, ASTM D4703C.
- 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.