

ExxonMobil™ LLDPE LL 6202.19

Linear Low Density Polyethylene Resin

Product Description

ExxonMobil™ LL 6202.19 resin is a narrow molecular weight ethylene 1-butene copolymer designed for applications that require excellent toughness. This resin offers easy processability for applications that require outstanding tear resistance and low warpage.

General

Additive	▪ Thermal Stabilizer: Yes		
Applications	▪ Caps	▪ Closures	▪ Lids
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)	12 g/10 min	12 g/10 min	ASTM D1238
Peak Melting Temperature	252 °F	122 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	201 °F	94 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield	2100 psi	14 MPa	ASTM D638
Elongation at Break	510 %	510 %	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	520 hr	520 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

- 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.

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.