

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	

