

# 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 <sup>3</sup>	0.926 g/cm <sup>3</sup>	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	

