

ExxonMobil™ LLDPE LL 1001 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1001 is butene linear low density polyethylene blown film resin with good draft. The film made of LL 1001 resin has good tensile properties and toughness.

General Information			
Additive	LL 1001X26: processing additives; Heat stabilizer		
	LL 1001X74: anti-caking agent (5000 ppm); Heat stabilizer; Slip agent (1700 ppm)		
	LL 1001X72: anti-caking agent (5000 ppm); Unspecified stabilizer; Slip agent (850 ppm)		
	LL 1001X76: anti-caking agent (7000 ppm); Heat stabilizer		
	LL 1001X31: heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	193	MPa	ASTM D882
1% secant, TD	222	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.37	MPa	ASTM D882
TD: Yield	9.51	MPa	ASTM D882
MD: Fracture	53.1	MPa	ASTM D882
TD: Fracture	35.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	570	%	ASTM D882
TD: Fracture	850	%	ASTM D882
Dart Drop Impact	100	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	80	g	ASTM D1922
TD	400	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
Haze	15	%	ASTM D1003
Legal statement			

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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