

ExxonMobil™ LLDPE LL 1107 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1107 resin is decimal melt index butene linear low density polyethylene blown film resin. The film made of LL 1107 resin has good stiffness and tensile strength. The strength and drafting of these resins make them excellent in a variety of film applications.

General Information			
Additive		LL 1107X93: processing aid; Anti-caking agent (3500 ppm); Heat stabilizer; Sliding agent (1000 ppm)	
		LL 1107X95: processing aid; Anti-caking agent (3500 ppm); Heat stabilizer; Sliding agent (1700 ppm)	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	230	MPa	ASTM D882
1% secant, TD	261	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.2	MPa	ASTM D882
TD: Yield	10.8	MPa	ASTM D882
MD: Fracture	45.8	MPa	ASTM D882
TD: Fracture	27.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	520	%	ASTM D882
TD: Fracture	690	%	ASTM D882
Dart Drop Impact	63	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	66	g	ASTM D1922
TD	440	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	46		ASTM D2457
Haze	18	%	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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