

ExxonMobil™ LDPE LD 117 Series

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

ExxonMobil LD 117 is a homopolymer film resin with excellent transparency and good stiffness. Film made of LD 117 resin can be used for outer packaging film purposes and extrusion packaging equipment. The film made of LD 117 resin can be drawn to a thickness of 1.0 mil.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	317	MPa	ASTM D882
1% secant, TD	379	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	13.8	MPa	ASTM D882
TD: Yield	15.9	MPa	ASTM D882
MD: Fracture	24.8	MPa	ASTM D882
TD: Fracture	17.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	160	%	ASTM D882
TD: Fracture	500	%	ASTM D882
Dart Drop Impact	80	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	180	g	ASTM D1922
TD	240	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	68		ASTM D2457
Haze	7.2	%	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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