

ExxonMobil™ LLDPE LL 3003 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 3003 resin is ethane copolymer linear low density polyethylene casting film resin. The film made of LL 3003 resin has excellent tensile properties, hardness and toughness. The excellent performance of these resins, together with good drawing properties, makes them multi-purpose packaging film resins.

General Information			
Additive	LL 3003.32: heat stabilizer		
	LL 3003.39: heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	117	MPa	ASTM D882
1% secant, TD	125	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	7.02	MPa	ASTM D882
TD: Yield	6.72	MPa	ASTM D882
MD: Fracture	58.6	MPa	ASTM D882
TD: Fracture	36.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	560	%	ASTM D882
TD: Fracture	830	%	ASTM D882
Dart Drop Impact	91	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	250	g	ASTM D1922
TD	570	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	91		ASTM D2457
Haze	1.7	%	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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