

# ExxonMobil™ LLDPE LL 3402.48 Cast

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 3402.48 is a medium density polyethylene cast film grade of ethane, which is used for high strength and high hardness requirements. It can also be used for film blowing. The film made of this resin has good tensile properties and puncture resistance.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	380	MPa	ASTM D882
1% secant, TD	428	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	15.4	MPa	ASTM D882
TD: Yield	15.8	MPa	ASTM D882
MD: Fracture	71.2	MPa	ASTM D882
TD: Fracture	39.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	520	%	ASTM D882
TD: Fracture	880	%	ASTM D882
Dart Drop Impact	< 48	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	15	g	ASTM D1922
TD	360	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457
Haze	2.9	%	ASTM D1003
Legal statement			

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