

ExxonMobil™ LLDPE LL 1001.32

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1001.32 is a butene linear low density polyethylene resin. The film made of LL 1001.32 has excellent tensile properties and toughness.

General Information			
Additive	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	108	MPa	ASTM D882
1% secant, TD	133	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	7.93	MPa	ASTM D882
TD: Yield	7.24	MPa	ASTM D882
MD: Fracture	66.0	MPa	ASTM D882
TD: Fracture	28.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	350	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	60	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	20	g	ASTM D1922
TD	460	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	90		ASTM D2457
Haze	1.7	%	ASTM D1003
Legal statement			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

