

ExxonMobil™ LLDPE LL 1004YB Film

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1004YB is a linear low-density polyethylene grade with excellent high-temperature stability and can be further enhanced by combining etchterocene metal wire-type low-density polyethylene.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	136	MPa	ASTM D882
1% secant, TD	146	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	51.1	MPa	ASTM D882
TD: Fracture	22.9	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	530	%	ASTM D882
TD: Fracture	840	%	ASTM D882
Dart Drop Impact	43	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	35	g	ASTM D1922
TD	340	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	95		ASTM D2457
Haze	1.7	%	ASTM D1003
Legal statement			

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