

ExxonMobil™ LLDPE LL 1201 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1201 series is a linear low density polyethylene grade, which combines hardness and optical properties well (combined with 10-20% low density polyethylene)

General Information			
Additive		LL 1201KG: processing aid; Anti-caking agent (750 ppm); Heat stabilizer; Sliding agent (1250 ppm) LL 1201XV: heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	300	MPa	ASTM D882
1% secant, TD	330	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	60.0	MPa	ASTM D882
TD: Fracture	42.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	620	%	ASTM D882
TD: Fracture	910	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	50	g	ASTM D1922
TD	450	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	53		ASTM D2457
Haze	12	%	ASTM D1003
Legal statement			

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