

ExxonMobil™ LLDPE LL 3201 Series

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 3201 resin is hexene copolymer linear low density polyethylene film resin. The film made of LL 3201 resin has excellent tensile properties, hardness and toughness. These excellent properties, together with good drafting, make them useful for demanding packaging purposes.

General Information			
Additive	LL 3201.69: processing aid; Heat stabilizer		
	LL 3201.36: processing aid; Anti-caking agent (5000 ppm); Heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	237	MPa	ASTM D882
1% secant, TD	281	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	11.9	MPa	ASTM D882
TD: Yield	13.4	MPa	ASTM D882
MD: Fracture	61.1	MPa	ASTM D882
TD: Fracture	48.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	510	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	780	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	57		ASTM D2457
Haze	11	%	ASTM D1003
Legal statement			

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