

ExxonMobil™ LDPE LD 331.08

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

ExxonMobil LD 331.08 is a high transparency film resin containing 5.9% (mass fraction) vinyl acetate copolymer. The film made of this resin has excellent impact performance and heat tightness.

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
Vinyl Acetate Content	5.9	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	113	MPa	ASTM D882
1% secant, TD	127	MPa	ASTM D882
Tensile Strength			ASTM D882
TD: Yield	6.81	MPa	ASTM D882
	7.23		
MD: Fracture	28.6	MPa	ASTM D882
TD: Fracture	25.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	360	%	ASTM D882
TD: Fracture	650	%	ASTM D882
Dart Drop Impact	170	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	100	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	84		ASTM D2457
Haze	2.5	%	ASTM D1003
Legal statement			

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