

ExxonMobil™ LDPE LD 136.MN

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

ExxonMobil LD 136 resin is a homopolymer film resin with excellent transparency. These resins are suitable for processing on blown film equipment.

General Information			
Additive	LD 136.MN: anti-caking agent (1500 ppm); Heat stabilizer; Sliding agent (750 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	198	MPa	ASTM D882
1% secant, TD	245	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.1	MPa	ASTM D882
TD: Yield	10.3	MPa	ASTM D882
MD: Fracture	25.5	MPa	ASTM D882
TD: Fracture	19.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	130	%	ASTM D882
TD: Fracture	540	%	ASTM D882
Dart Drop Impact	110	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	460	g	ASTM D1922
TD	99	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	66		ASTM D2457
Haze	7.0	%	ASTM D1003
Legal statement			

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