

ExxonMobil™ LDPE LD 124.MS

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

Exxon Mobil LD 124.MS blown film resin has a good balance between optical properties and strength properties, and is suitable for general transparent film applications.

General Information			
Additive		Anti-caking agent (2000 ppm) heat stabilizer Sliding agent (400 ppm)	
Forms		Particle	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	234	MPa	ASTM D882
1% secant, TD	299	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	11.3	MPa	ASTM D882
TD: Yield	12.7	MPa	ASTM D882
MD: Fracture	27.1	MPa	ASTM D882
TD: Fracture	18.7	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	130	%	ASTM D882
TD: Fracture	540	%	ASTM D882
Dart Drop Impact	87	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	580	g	ASTM D1922
TD	110	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	65		ASTM D2457
Haze	7.3	%	ASTM D1003
Legal statement			

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