

ExxonMobil™ LDPE LD 129.24

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

ExxonMobil LD 129.24 is a medium density homopolymer film resin with excellent transparency and good hardness. The film made of LD 129.24 can be used for outer packaging film purposes and extrusion-through packaging equipment. LD 129.24 is suitable for processing with blown film equipment or casting film equipment.

General Information			
Additive	LD 129.24: anti-caking agent (1000 ppm); Heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	324	MPa	ASTM D882
1% secant, TD	386	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	14.5	MPa	ASTM D882
TD: Yield	15.9	MPa	ASTM D882
MD: Fracture	23.1	MPa	ASTM D882
TD: Fracture	17.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	180	%	ASTM D882
TD: Fracture	460	%	ASTM D882
Dart Drop Impact	73	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	100	g	ASTM D1922
TD	270	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	68		ASTM D2457
Haze	8.1	%	ASTM D1003
Legal statement			

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

