

ExxonMobil™ LDPE LD 302.32

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

ExxonMobil LD 302 resin is a high transparency film resin with 3.5% (mass fraction) vinyl acetate copolymer. The combination of comonomer content and low melt index helps to produce films with high impact strength, good heat sealability and excellent low temperature performance.

General Information			
Additive		Anti-caking agent (2500 ppm)	
		heat stabilizer	
		Sliding agent (500 ppm)	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Vinyl Acetate Content	3.5	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	146	MPa	ASTM D882
1% secant, TD	172	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	24.2	MPa	ASTM D882
TD: Fracture	23.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	190	%	ASTM D882
TD: Fracture	580	%	ASTM D882
Dart Drop Impact	170	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	190	g	ASTM D1922
TD	110	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	69		ASTM D2457
Haze	6.5	%	ASTM D1003
Additional Information			
应用			
冷冻食品包装			
其他食品包装,包括家禽制品包装袋,农产品包装袋等			
要求具有极佳韧性和良好热密封性的其他包装应用			
Legal statement			

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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Recommended distributors for this material

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

