

ExxonMobil™ LDPE LD 185 Series

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

Escorene LD 185 series has good optical performance and sealing performance. LD 185 are manufactured in narrow specifications to meet the requirements of composite membranes for high consistency.

General Information			
Additive	LD 185JD: anti-caking agent (1800 ppm); Heat stabilizer; Sliding agent (330 ppm)		
	LD 185GE: anti-caking agent (1000 ppm); Heat stabilizer; Sliding agent (572 ppm)		
	LD 185BW: 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
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	210	MPa	ASTM D882
1% secant, TD	240	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	11.0	MPa	ASTM D882
TD: Yield	11.0	MPa	ASTM D882
MD: Fracture	29.0	MPa	ASTM D882
TD: Fracture	23.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	370	%	ASTM D882
TD: Fracture	550	%	ASTM D882
Dart Drop Impact	84	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	150	g	ASTM D1922
TD	110	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	65		ASTM D2457
Haze	6.3	%	ASTM D1003
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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