

ExxonMobil™ LDPE LD 156 Series

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 156 series is a low density polyethylene grade, especially suitable for composite films and coextruded films. They have good mechanical properties, hardness and optical properties, and combine extremely low crystal point formation. These grades conform to the film appearance specification. Two kinds of additive packages can be specially made according to the needs of the compound machine. LD 156 are manufactured in narrow specifications to meet the requirements of composite membranes for high consistency.

General Information			
Additive		LD 156HE: anti-caking agent (1500 ppm); Heat stabilizer; Sliding agent (550 ppm) LD 156BW: heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.75	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	260	MPa	ASTM D882
1% secant, TD	294	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	27.0	MPa	ASTM D882
TD: Fracture	22.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	300	%	ASTM D882
TD: Fracture	530	%	ASTM D882
Dart Drop Impact	140	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	380	g	ASTM D1922
TD	190	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	65		ASTM D2457
Haze	6.9	%	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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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

