

ExxonMobil™ LDPE LD 160AT

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 160 series is a low density polyethylene grade with good drafting and optical properties.

General Information			
Additive	Anti-caking agent (1200 ppm) heat stabilizer Sliding agent (900 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	175	MPa	ASTM D882
1% secant, TD	205	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	10.0	MPa	ASTM D882
TD: Yield	10.0	MPa	ASTM D882
MD: Fracture	23.0	MPa	ASTM D882
TD: Fracture	15.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	180	%	ASTM D882
TD: Fracture	490	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	290	g	ASTM D1922
TD	120	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	5		ASTM D2457
Haze	5.2	%	ASTM D1003

Additional Information

LD 160 AT 原则上可以在各欧盟成员国和美国(FDA)用作食品接触材料.可能有迁移或使用方面的限制.有关详细信息和/或所需特定牌号的实际合规认证文档,请与您的埃克森美孚化工代表联系.

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