

ExxonMobil™ LDPE EVA Copolymers LD 364HE

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:
LD 364HE is an LDPE, offering a good combination of mechanical, optical and sealing properties.

General Information			
Additive		Anti-caking agent (1500 ppm) heat stabilizer Sliding agent (550 ppm)	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Vinyl Acetate Content	5.0	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	170	MPa	ASTM D882
1% secant, TD	200	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	26.0	MPa	ASTM D882
TD: Fracture	24.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	170	%	ASTM D882
TD: Fracture	540	%	ASTM D882
Dart Drop Impact	360	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	180	g	ASTM D1922
TD	110	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	52		ASTM D2457
Haze	9.8	%	ASTM D1003
Legal statement			

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