

ExxonMobil™ LDPE EVA Copolymers LD 368 Series

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 368 series are high clarity EVA LDPE grades, offering good optical properties combined with toughness and impact resistance. Two additive combinations are available according to the required surface properties.

General Information			
Additive	LD 368ON: anti-caking agent (1750 ppm); Heat stabilizer		
	LD 368HD: anti-caking agent (1800 ppm); Heat stabilizer; Sliding agent (650 ppm)		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Vinyl Acetate Content	2.5	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	160	MPa	ASTM D882
1% secant, TD	180	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	21.5	MPa	ASTM D882
TD: Fracture	18.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	240	%	ASTM D882
TD: Fracture	530	%	ASTM D882
Dart Drop Impact	220	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	200	g	ASTM D1922
TD	150	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	63		ASTM D2457
Haze	6.8	%	ASTM D1003
Additional Information			
Applications			
freezer film			
display packaging			
lamination/extrusion film			
Legal statement			

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