

ExxonMobil™ LDPE EVA Copolymers LD 363 Series

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:
LD 363 series are LEVA LDPE grades, offering good optical and mechanical properties. Two additive combinations are available according to the required surface properties.

General Information			
Additive		LD 363BR: anti-caking agent (1000 ppm); Heat stabilizer; Sliding agent (750 ppm) LD 363BW: heat stabilizer	
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Vinyl Acetate Content	4.5	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	140	MPa	ASTM D882
1% secant, TD	165	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	29.0	MPa	ASTM D882
TD: Fracture	20.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	290	%	ASTM D882
TD: Fracture	550	%	ASTM D882
Dart Drop Impact	140	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	170	g	ASTM D1922
TD	60	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	65		ASTM D2457
Haze	5.5	%	ASTM D1003
Legal statement			

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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

