

ExxonMobil™ LDPE LD 159AC

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 159AC is an LDPE grade, which offers good draw down combined with good mechanical strength.

General Information			
Additive	Antiblock (450 ppm) Heat Stabilizer Slip (500 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	235	MPa	
1% Secant, TD	275	MPa	
Tensile Strength			ASTM D882
MD : Break	24.0	MPa	
TD : Break	20.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	200	%	
TD : Break	520	%	
Dart Drop Impact	140	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	450	g	
TD	170	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	62		ASTM D2457
Haze	8.5	%	ASTM D1003

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