

ExxonMobil™ LDPE LD 144BR

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

LD144BR is an LDPE grade, which offers excellent optical properties combined with increased stiffness and drawdown properties.

General Information			
Additive	Antiblock (1000 ppm)		
	Heat Stabilizer		
	Slip (750 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	260	MPa	
1% Secant, TD	305	MPa	
Tensile Strength			ASTM D882
MD : Yield	13.0	MPa	
TD : Yield	12.5	MPa	
MD : Break	25.0	MPa	
TD : Break	17.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	160	%	
TD : Break	480	%	
Dart Drop Impact	60	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	130	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	72		ASTM D2457
Haze	6.2	%	ASTM D1003

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