

ExxonMobil™ LDPE LD 104BR

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

LD 104BR is a low density polyethylene grade with good optical properties and strengthening hardness.

General Information			
Additive	Anti-caking agent (1000 ppm)		
	heat stabilizer		
	Sliding agent (750 ppm)		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	260	MPa	ASTM D882
1% secant, TD	320	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	27.5	MPa	ASTM D882
TD: Fracture	18.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	130	%	ASTM D882
TD: Fracture	470	%	ASTM D882
Dart Drop Impact	70	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	370	g	ASTM D1922
TD	80	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	62		ASTM D2457
Haze	7.5	%	ASTM D1003
Legal statement			

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