

ExxonMobil™ LDPE LD 152BW

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD152BW is a low density polyethylene grade, which combines optical properties and high hardness well. 2.2 MI makes it ideal for blowing thicker films.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	404	MPa	ASTM D882
1% secant, TD	400	MPa	ASTM D882
Tensile Strength			ASTM D882
TD: Yield	15.7	MPa	ASTM D882
MD: Fracture	29.0	MPa	ASTM D882
TD: Fracture	19.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	360	%	ASTM D882
TD: Fracture	560	%	ASTM D882
Dart Drop Impact	55	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	220	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	71		ASTM D2457
Haze	5.9	%	ASTM D1003
Legal statement			

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