

ExxonMobil™ LDPE LD 157CW Blown

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 157CW has good mechanical properties and excellent optical properties.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	340	MPa	ASTM D882
1% secant, TD	390	MPa	ASTM D882
Tensile Strength			ASTM D882
TD: Yield	16.0	MPa	ASTM D882
MD: Fracture	28.6	MPa	ASTM D882
TD: Fracture	22.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	350	%	ASTM D882
TD: Fracture	550	%	ASTM D882
Dart Drop Impact	100	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	200	g	ASTM D1922
TD	230	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	65		ASTM D2457
Haze	7.0	%	ASTM D1003
Legal statement			

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