

LLDPE H1918.A

Linear Low Density Polyethylene -
Hexene



Overview

LLDPE H1918 features high strength, excellent toughness, and low gel count.

FDA Status: This material complies with FDA regulations in 21 CFR, section 177.1520

Applications

- Heavy duty bags
- Commercial packaging
- Can liners
- Food packaging

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1	g/10 min	D 1238
Density (g/cm ³)	0.918	g/cm ³	D 792
Elmendorf Tear Strength (MD/TD)	350/625	g	D1922
Dart Drop Impact	220	g	D1709A
Tensile Strength at Break (MD/TD)	8,200/6,100	psi	D882
Flexural Modulus, 1% Secant (MD/TD)	29,500/32,000	psi	D882
Tensile Strength at Break	1,300	psi	D638
Elongation at Break (MD/TD)	580/690	%	D882
Elongation at Yield	8	%	D638
Haze	19	%	D1003
Gloss 45°	35		D2457