

LLDPE B1918

Linear Low Density Polyethylene - Butene



Overview

LLDPE B1918 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)	140/340	g	D1922
Dart Drop Impact	110	g	D1709A
Tensile Strength at Break (MD/TD)	6500/4600	psi	D882
Flexural Modulus, 1% Secant (MD/TD)	27000/27500	psi	D882
Elongation at Break (MD/TD)	570/730	%	D882
Haze	18	%	D1003
Gloss 45°	40		D2457