

LLDPE B1918.A

Linear Low Density Polyethylene -
Butene



Overview

LLDPE B1918 features high strength, excellent toughness, and low gel count.

Material does not contain Slip but it contains antiblock.

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 |