

LLDPE B1918

Linear Low Density Polyethylene



Overview

LLDPE B1918 is butene LLDPE blown film resin. It has good drawdown and films produced from this resin exhibit excellent toughness and tensile properties.

Applications

- General Purpose
- Can Liners
- Food Packaging
- Commercial Packaging

| Property | Value | Unit | ASTM |
|--------------------------------------|-------------|-------------------|--------|
| Melt index (condition 230°C/2.16 kg) | 1.00 | g/10 min | D 1238 |
| Density (g/cm ³) | 0.918 | g/cm ³ | D 792 |
| Haze | 18 | % | D1003 |
| Gloss (45°) | 40 | | D2457 |
| Dart Drop Impact | 110 | gm/mil | D1709A |
| Elmendorf Tear Strength MD/TD | 140/340 | gm/mil | D1922 |
| Tensile Strength at Break MD/TD | 6500/4600 | psi | D882 |
| Elongation at Break MD/TD | 570/730 | % | D882 |
| Secant Modulus, 1% Secant MD/TD | 27000/27500 | psi | D882 |

FDA Status - This resin complies with FDA 21 CFR 177.1520.