

# LLDPE B2918.B

Linear Low Density Polyethylene -  
Butene



## Overview

LLDPE B2918.B is butene LLDPE. It has good drawdown and films produced from this resin exhibit excellent toughness and tensile properties.

Material does not contain slip or antiblock.

## Applications

- Stretch wrap
- Commercial packaging
- Blending resin
- Food packaging

| Property                             | Value       | Unit              | ASTM   |
|--------------------------------------|-------------|-------------------|--------|
| Melt index (condition 230°C/2.16 kg) | 2.00        | g/10 min          | D 1238 |
| Density (g/cm <sup>3</sup> )         | 0.918       | g/cm <sup>3</sup> | D 792  |
| Elmendorf Tear Strength MD/TD        | 180/390     | gm/mil            | D1922  |
| Dart Drop Impact                     | 120         | gm/mil            | D1709A |
| Tensile Strength at Break MD/TD      | 4900/3600   | psi               | D882   |
| Fluxural Modulus, 1% Secant MD/TD    | 32000/36000 | psi               | D882   |
| Elongation at Break MD/TD            | 725/810     | %                 | D882   |
| Haze                                 | 14          | %                 | D1003  |
| Gloss (45°)                          | 55          |                   | D2457  |

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