

LLDPE m1917

Linear Low Density Polyethylene



Overview

Films made of LLDPE m1917 have outstanding heat seal properties, toughness, excellent gloss and clarity.

Applications

- Seal Layer In Coextrusions
- Heavy Duty Packaging
- Clarity 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 | 9 | % | D1003 |
| Gloss (60°) | 103 | | D2457 |
| Dart Drop Impact | 600 | gm/mil | D1709 |
| Elmendorf Tear Strength MD/TD | 230/440 | gm/mil | D1922 |
| Tensile Strength at Yield MD/TD | 1850/1400 | psi | D882 |
| Tensile Strength at Break MD/TD | 8300/6650 | psi | D882 |
| Elongation at Break MD/TD | 450/650 | % | D882 |
| Secant Modulus, 1% Secant MD/TD | 240000/273000 | psi | D882 |
| Seal Initiation Temperature | 216 | °F | F88 |

Additives - Slip 1000 ppm, Antiblock 5000 ppm