


LLDPE H3918

Linear Low Density Polyethylene - Hexene



Overview

LLDPE H3918 is a hexene LLDPE designed for cast film extrusion. This resin contains stabilization ideal for the cast extrusion process.

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

Applications

- Cast Stretch film
- Cast film extrusion

| Property | Value | Unit | ASTM |
|--------------------------------------|-------------|-------------------|-------------|
| Melt index (condition 230°C/2.16 kg) | 3.5 | g/10 min | D 1238 |
| Density (g/cm ³) | .918 | g/cm ³ | D 792 |
| Elmendorf Tear Strength, MD/TD | 300/700 | g | ASTM D1922 |
| Dart Drop Impact | 95 | g | ASTM D1709A |
| Tensile Strength at Break, MD/TD | 7300/4900 | psi | ASTM D882 |
| Flexural Modulus, 1% Secant, MD/TD | 20000/22000 | psi | ASTM D882 |
| Elongation at Break, MD/TD | 500/850 | % | ASTM D882 |