



Producer: Westlake Polymers LP / The United States (USA)

LF 1020

Description:

Excellent mechanical with Down gauging advantages.

Application:

For agriculture film, coextrusion, and trash can liners.

| PROPERTY | EXPECTED VALUE | ASTM METHOD |
|---|----------------|-------------|
| Melt index (gm/10 min.) | 1.1 | D 1238 |
| Density (g/cm ³) | 0.918 | D 1505 |
| Film gauge (mil) | 1.0 | WESTLAKE |
| * Haze | 15 | D 1003 |
| Dart drop impact, F ₅₀ (grams) | 120 | D 1709A |
| Elmendorf tears strenght (grams) MD | 150 | D 1922A |
| Elmendorf tears strenght (grams) TD | 450 | D 1922A |
| Tensile strenght@ yield (psi) MD | 1,500 | D 882 |
| Tensile strenght@ yield (psi) TD | 1,500 | D 882 |
| Tensile strenght@break (psi) MD | 5,200 | D 882 |
| Tensile strenght@break (psi) TD | 3,600 | D 882 |
| Ultimate elongation (%) MD | 670 | D 882 |
| Ultimate elongation (%) TD | 900 | D 882 |
| 1% secant modulus (psi) MD | 27,000 | D 882 |
| 1% secant modulus (psi) TD | 30,000 | D 882 |

Typical film property as measured on a 1.0 mil blown film sample fabricated at a 2.5:1 B.U.R.

*Unformulated polymer only.

NOTES: Kosher approved

FDA:

This material complies with FDA regulations in 21 CFR, section 177.1520, paragraph C, section 3.1a.

Melt temperatures of 400° - 420°F are recommended for Westlake Polymers' LF 1020 with blow up ratios of 2:1 or higher.