

LLBF-120F Linear Low Density Polyethylene

MELT - 1.0

DENSITY - 0.920

LLBF-120F is a certified prime resin with Butene-copolymer, designed for production of blown films used in general purpose packaging. **LLBF-120F** contains high slip & high antiblock. **LLBF-120F** complies with FDA regulation 21CFR177.1520(c)3.1(a) and with most international regulations concerning the use of Polyethylene in contact with food.

Features:

- Easy processability
- Good film strength
- Wide heat sealing temperature range

Typical Applications:

- Garment bags
- Produce bags
- Liners

| PROPERTIES | ASTM | UNIT | VALUES | |
|--------------------------------|--------|-------------------|------------|-----------|
| Density | D1505 | g/cm ³ | 0.920 | |
| Melt Flow Rate (190°C, 2.16kg) | D1238 | g/10 min | 1.0 | |
| 1.0 Mil BLOWN FILM | | | MD | TD |
| Secant Modulus (1% Secant) | D882 | psi | 28000 | 32300 |
| Tensile Strength (Break) | D882 | psi | 5k | 4k |
| Tensile Strength (Yield) | D882 | psi | 1360 | 1380 |
| Tensile Elongation (Break) | D882 | % | 550 | 820 |
| Elmendorf Tear Strength | D1922 | g | 100 | 600 |
| Dart Drop Impact | D1709A | g | 85 | |
| Gloss (45°) | D2457 | | 35 | |
| Haze | D1003 | % | 20 | |
| Melt Temperature | | °F | 390 to 395 | |