

LLBF-121D Linear Low Density Polyethylene

MELT - 1.0

DENSITY - 0.921

LLBF-121D is a certified prime resin containing Butene-comonomer, specially designed for production of Blown films for general purpose packaging. Maximum recommended film drawdown is 0.5 mil. **LLBF-121D** contains medium slip and high antiblock.

Features:

- Excellent combination of easy processability with good film strength
- Wide heat sealing temperature range

Typical Applications:

- Garment bags
- Liners
- Produce bags

| PROPERTIES | ASTM | UNIT | VALUES | |
|--------------------------------|--------|-------------------|-----------|-----------|
| PHYSICAL | | | | |
| Density | D1505 | g/cm ³ | 0.921 | |
| Melt Flow Rate (190°C, 2.16kg) | D1238 | g/10 min | 1.0 | |
| 1.0 mil FILM | | | MD | TD |
| Secant Modulus - 1% Secant | D882 | psi | 31200 | 36300 |
| Tensile Strength (Yield) | D882 | psi | 1740 | 1600 |
| Tensile Strength (Break) | D882 | psi | 6530 | 4350 |
| Tensile Elongation (Break) | D882 | % | 650 | 990 |
| Elmendorf Tear Strength | D1922 | g | 80 | 550 |
| Dart Drop Impact | D1709A | g | 85 | |