

MELT - 1.0

DENSITY - 0.918

**LLMF-118D** is a certified prime resin designed for production of Blown films needing excellent optics, superior film strength and excellent heat seal performance. **LLMF-118D** contains medium slip, high antiblock and process aid. **LLMF-118D** complies with FDA regulation 21CFR 177.1520(c)3.2a, conditions of use B-H. Blow-up-ratio 2.5:1; Melt temperature 400°F.

### Features:

- Good heat seal
- Good strength
- High antiblocking
- Opticals
- Medium slip

### Typical Applications:

- Heavy duty packaging
- Ice bags
- Sealant layer in coextrusions

| PROPERTIES                     | ASTM  | UNIT              | VALUES    |           |
|--------------------------------|-------|-------------------|-----------|-----------|
| <b>PHYSICAL</b>                |       |                   |           |           |
| Density                        | D1505 | g/cm <sup>3</sup> | 0.918     |           |
| Melt Flow Rate (190°C, 2.16kg) | D1238 | g/10 min          | 1.0       |           |
| <b>1.0 mil BLOWN FILM</b>      |       |                   | <b>MD</b> | <b>TD</b> |
| Secant Modulus - 1% Secant     | D882  | psi               | 25400     | 27700     |
| Tensile Strength (Yield)       | D882  | psi               | 1550      | 1400      |
| Tensile Strength (Break)       | D882  | psi               | 8500      | 7500      |
| Tensile Elongation (Break)     | D882  | %                 | 450       | 600       |
| Elmendorf Tear Strength        | D1922 | g                 | 230       | 500       |
| Dart Drop Impact (F50)         | D1709 | g                 | 760       |           |
| Haze                           | D1003 | %                 | 11        |           |
| Gloss (60°)                    | D2457 |                   | 93        |           |