

LLD5025

LLDPE

Technical Data Sheet

Injection / Masterbatch

Applications

- Closures
- Housewares
- Caps and Lids
- Masterbatch - Color/ Additives

Properties

- Excellent Processability
- Ease of Blending
- Good Toughness
- Good Tear

Grades

- 5025 - Pellets
- 5025G - Granules

PROPERTIES

VALUE

METHOD

| PROPERTIES | VALUE | METHOD |
|-----------------------------------------------|--------|------------|
| Melt Flow (gm/10min) | 50.0 | ASTM D1238 |
| Density (gm/cc) | 0.925 | ASTM D1505 |
| Tensile at Yield (psi) | 1640 | ASTM D638 |
| Elongation at Break (%) | 95 | ASTM D638 |
| 1% Secant Modulus (psi) | 39000 | ASTM D790 |
| Vicat Softening Temperature (°F) | 197 | ASTM D1525 |
| Brittleness Temperature, F ₅₀ (°F) | < -105 | ASTM D746 |
| Hardness, Shore D | 51 | ASTM D2240 |

FDA

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

Additional Information

All physical properties were tested using an injection molded sample.

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