



TRADEMARK POLYETHYLENE

LLD5025 Series

Technical Data Sheet

LLDPE 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
Melt Flow (gm/10 min)	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.

