

MELT - 26

DENSITY - 0.918

LDI-2618 is a certified prime grade designed for high-flow Injection molding applications. Recommended processing temperature is 170 to 220°C, with mold at 20 to 40 °C. **LDI-2618** complies with FDA regulation 21CFR177.1520(c)2.1 and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Easy processability
- Good clarity
- Excellent flexibility
- Good surface appearance

Typical Applications:

- Housewares
- Lids
- Closures
- General purpose molded articles

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.918
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	26
MECHANICAL			
Tensile Strength (Yield)	D638	psi	1600
Tensile Elongation (Break)	D638	%	120
Flexural Modulus - 1% Secant	D790	psi	34500
Instrumented Dart Impact (-4 °F)	D3763	in-lb	144
Instrumented Dart Impact (73 °F)	D746	in-lb	168
Vicat Softening Temperature	D1525	°F	183