

LDI-3524 Low Density Polyethylene

MELT - 35

DENSITY - 0.924

LDI-3524 is a certified prime grade designed for high-flow Injection molding applications. **LDI-3524** complies with FDA regulation 21CFR177.1520(c)2.2 (conditions of use B through H) and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Easy processability
- Excellent flexibility
- Excellent warpage resistance

Typical Applications:

- Lids
- Closures
- Caps

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.924
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	35
MECHANICAL			
Tensile Strength (Yield)	D638	psi	1600
Tensile Elongation (Break)	D638	%	150
Flexural Modulus - Tangent	D790	psi	48k
Brittleness Temperature	D746A	°F	-44.0
Vicat Softening Temperature	D1525	°F	198