

LDI-5523 Low Density Polyethylene

MELT - 55

DENSITY - 0.923

LDI-5523 is a certified prime grade specially designed for high-flow Injection molding applications. **LDI-5523** complies with FDA regulation 21CFR177.1520(c)2.1.

Features:

- Easy processability
- Good clarity
- Excellent flexibility
- Low warpage

Typical Applications:

- Lids

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.923
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	55
MECHANICAL			
Tensile Strength (Yield)	D638	psi	1600
Tensile Elongation (Break)	D638	%	55
Flexural Modulus - 2% Secant	D790	psi	48k
Melting temperature	DSC	°F	-4.0
Brittleness Temperature	D746	°F	194
Vicat Softening Temperature	D1525	°F	230