

MELT - 2.0

DENSITY - 0.922

LDB-222 is a certified prime Low Density Homopolymer. **LDB-222** complies with FDA regulation 21CFR177.1520(c)2.2 conditions of use B - H per 21CFR176.170(c).

Features:

- Good impact resistance
- Good flexibility
- Good clarity

Typical Applications:

- Squeeze bottles
- Flexible Toys

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.922
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0
MECHANICAL PROPERTIES			
Flexural Modulus - (Tangent Type IV, 0.51 in/min)	D790	psi	45k
Tensile Elongation (Break) (2.0 in/min)	D638	%	500
Tensile Strength (Yield) (2.0 in/min)	D638	psi	2400
Brittleness Temperature	D256	°F	< -103