

LDF-222B Low Density Polyethylene

MELT - 2.0

DENSITY - 0.925

LDF-222B is a certified prime resin specially designed for production of high clarity Blown films for packaging of articles requiring good optics. Maximum recommended film draw-down is 1.0 mil. **LDF-222B** contains no slip and medium antiblock. **LDF-222B** complies with FDA regulation 21CFR177.1520(c)2.2 and most international regulations concerning the use of Polyethylene in contact with food.

Features:

- Easy processability
- Optimal balance of film strength & stiffness
- Good openability
- Excellent sealability

Typical Applications:

- Baked product packaging
- Sandwich bags
- Light duty produce bags
- Toilet paper wrapping
- Textiles

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.925	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0	
1.3 mil FILM			MD	TD
Secant Modulus - 1% Secant	D882	psi	33900	36000
Tensile Strength (Yield)	D882	psi	1450	1600
Tensile Strength (Break)	D882	psi	3770	2180
Tensile Elongation (Break)	D882	%	180	550
Elmendorf Tear Strength	D1922	g	370	160
Dart Drop Impact	D1709A	g	85	