

## LDF-222F Low Density Polyethylene

MELT - 2.0

DENSITY - 0.922

**LDF-222F** is a certified prime resin specially designed for production of high clarity Blown films for packaging of articles requiring good optics. Maximum recommended film drawdown is 1.0 mil. **LDF-222F** contains high slip and high antiblock. **LDF-222F** 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	
<b>PHYSICAL</b>				
Density	D1505	g/cm <sup>3</sup>	0.922	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0	
<b>1.3 mil FILM</b>			<b>MD</b>	<b>TD</b>
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	