

LDF-120J Low Density Polyethylene

MELT - 1.0

DENSITY - 0.920

LDF-120J is a certified prime resin, designed for production of general purpose, blown films. **LDF-120J** contains no slip and high antiblock. **LDF-120J** complies with FDA regulation 21CFR177.1520(c)3.1a and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Easy processability
- Good melt strength
- Good impact strength

Typical Applications:

- Agricultural film
- Freezer film
- Liners
- Shrink film
- Blend component for improved strength

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.920	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	1.0	
1.5 mil FILM			MD	TD
Secant Modulus - 1% Secant	D882	psi	28600	36800
Tensile Strength (Yield)	D882	psi	1550	1500
Tensile Strength (Break)	D882	psi	4200	3500
Tensile Elongation (Break)	D882	%	150	550
Elmendorf Tear Strength	D1922	g	300	70
Dart Drop Impact	D1709A	g	140	