

LDF-221D Low Density Polyethylene

MELT - 2.0

DENSITY - 0.920

LDF-221D is a certified prime resin specially developed for Extrusion Blown Film for industrial packaging & liners, blend with LLDPE. Maximum recommended film drawdown is 1.0 mil. **LDF-221D** contains medium slip and high antiblock. **LDF-221D** complies with FDA regulation 21CFR177.1520(c)2.1+2.2 and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

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

Typical Applications:

- Industrial packaging
- Liners

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.920	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	2.0	
1.5 mil FILM			MD	TD
Secant Modulus - 1% Secant	D882	psi	25400	29700
Tensile Strength (Yield)	D882	psi	1450	1450
Tensile Strength (Break)	D882	psi	3630	2760
Tensile Elongation (Break)	D882	%	300	600
Elmendorf Tear Strength	D1922	g	180	130
Dart Drop Impact	D1709A	g	150	