

LDF-420A Low Density Polyethylene

MELT - 4.0

DENSITY - 0.920

LDF-420A is a certified prime resin specially designed to meet the requirements of most 1 to 3 mils thick blown film liner applications. Large lot size and superior lot-to-lot uniformity ensure consistent film production. Minimum recommended film thickness is 1.0 mil. **LDF-420A** contains no slip and no antiblock. **LDF-420A** complies with FDA regulation 21 CFR177.1520(c)2.2 and most international regulations concerning the use of Polyethylene in contact with food articles.

Features:

- Easy processability

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.920	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	4.0	
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	%	350	600
Elmendorf Tear Strength	D1922	g	580	120
Dart Drop Impact	D1709A	g	85	