

Certene®



LDF-221C

Low Density Polyethylene

MELT - 2.0

DENSITY - 0.921

LDF-221C is a certified prime resin specially designed to meet the requirements of most 1 to 3 mils thickness 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-221C** contains medium slip and medium antiblock. **LDF-221C** 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

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm³	0.921	
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	%	350	600
Elmendorf Tear Strength	D1922	g	580	120
Dart Drop Impact	D1709A	g	85	

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