Certene®

LDF-722F

Low Density Polyethylene

MELT - 7.0

DENSITY - 0.922

LDF-722F is a certified prime resin specially designed for production of high drawdown thin gauged high clarity blown films. ***LDF722F*** maximum recommended film drawdown is 0.5 mils. ***LDF-722F*** contains high slip and high antiblock. ***LDF-722F*** 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 at high extrusion rates
- Very good balance of film mechanical properties
- Films display very good color stability
- Films display superior heat seal performance

Typical Applications:

- Flexible packaging
- Paper board coating applications
- Liquid/juice containers
- Laminate tube
- Condiment & sugar pouches
- Dry & snack food packaging
- Lidding stock

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm^3	0.922	
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	7.0	
1.0 mil FILM			**MD**	**TD**
Secant Modulus - 1% Secant	D882	psi	33k	40k
Tensile Strength (Yield)	D882	psi	1400	1300
Tensile Strength (Break)	D882	psi	3000	2100
Tensile Elongation (Break)	D882	%	150	500
Elmendorf Tear Strength	D1922	g	150	110
Dart Drop Impact	D1709A	g	30	
Gloss (45° Blown Film)	D2457		70	
Haze (Blown Film)	D1003	%	6.5	

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