

# LDPE LDF 701

Low Density Polyethylene



## Overview

LDF 701 is a homopolymer film resin with great clarity and stiffness. Film made from this resin may be used in overwrap applications and in push-through type packaging equipment.

## Applications

- Bread bags
- Co-extrusion films
- Collation shrink
- Diaper backsheets
- Frozen food packaging
- High performance collation
- Hygiene packaging

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.70	g/10 min	D 1238
Density (g/cm <sup>3</sup> )	0.924	g/cm <sup>3</sup>	D 792
Dart Drop Impact	160	g	D1709A
Elmendorf Tear Strength (MD/TD)	510 / 140	g	D1922
Tensile Strength at Break (MD / TD)	3700 / 3200	psi	D882
Tensile Strength at Yield (MD / TD)	1600 / 1700	psi	D882
Elongation at Break (MD / TD)	130 / 540	%	D882
1% Secant Modulus (MD / TD)	34,000 / 42,000	psi	D882
Haze	9.6	%	D1003
Gloss (45°)	57	%	D2457

Antiblock – no, Slip – no.