

LDPE LDF 700

Low Density Polyethylene



Overview

This grade is a fractional melt index, 6% vinyl acetate copolymer film resin. It has excellent impact strength, tensile properties, heat sealability.

Applications

- High-clarity packaging films
- Lamination and bag applications
- Food and industrial wrapping films

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.25	g/10 min	D 1238
Density (g/cm ³)	0.920	g/cm ³	D 792
Tensile Strength (MD / TD)	1,800 / 1,700	psi	D882
Elongation (MD / TD)	600 / 750	%	D882
1% Secant Modulus (MD / TD)	25,000 / 26,000	psi	D882
Elmendorf Tear Strength (MD / TD)	100 / 230	g / mil	D1922
Dart Drop Impact	120	g	D1709A
Gloss (45°)	85		D2457
Haze	8.0	%	D1003
Peak Melting Temperature	111	°C	D3418

Additives Contains antioxidant additive package. Slip and antiblock agents included for process stability.