



TRADEMARK POLYETHYLENE

LD0720 Series

Technical Data Sheet

LDPE Film Resin

Applications

- General Purpose Liner Applications
- Industrial Shrink Film
- Heavy Duty Bags
- Bundling Film

Properties

- Excellent Processability
- Excellent Drawdown
- Good Toughness
- Bubble Stabilizer

Grades

- 0720B - No additives
- 0720C - No Slip & Antiblock
- 0720F - Medium Slip & Antiblock

<i>Properties</i>	<i>Value</i>	<i>Method</i>
Melt Index, MI_2 (gm/10min)	0.7	ASTM D1238
Density* (gm/cc)	0.920	ASTM D1505
Haze* (%)	11.0	ASTM D1003
Specular Gloss @ 45°	-	ASTM D2457
Dart Impact (gms)	129	ASTM D1709
Ultimate Tensile MD/TD (psi)	3400/2400	ASTM D882
Elongation MD/TD (%)	170/490	ASTM D882
1% Secant Modulus MD/TD (psi)	25000/31500	ASTM D882
Elmendorf Tear Strength MD/TD (g)	290/175	ASTM D1922

Typical film property as measured on a 2.0 mil blown film sample fabricated at a 2.5:1 B.U.R.

*Base polymer only.

FDA

This material complies with FDA regulations in 21 CFR, section 177.1520, paragraph C, section 2.1, for use in articles that contact non-alcoholic food.

PROCESSING

Extrusion melt temperatures of 360° to 390°F are recommended for Trademark's LD0720 Series with blow-up ratios of 1.5:1 or higher.

