

## LD3920 Series

*Technical Data Sheet*

## LDPE Film Resin

### Applications

- Heavy Duty Bags
- Industrial Shrink Film
- Heavy Duty Sheeting

### Properties

- Excellent Toughness
- Excellent Impact
- Excellent Puncture

### Grades

- 0319B - No additives
- 0319C - No slip & Antiblock
- 0319F - Medium slip & Antiblock

### PROPERTIES

### VALUE

### METHOD

PROPERTIES	VALUE	METHOD
Melt Index, MI <sub>2</sub> (gm/10 min)	0.25	ASTM D1238
Density* (gm/cc)	0.919	ASTM D1505
Haze* (%)	11.0	ASTM D1003
Specular Gloss @ 45°	-	ASTM D2457
Dart Impact	210	ASTM D1709
Ultimate Tensile MD/TD (psi)	3000/2850	ASTM D882
Elongation MD/TD (%)	310/600	ASTM D882
1% Secant Modulus MD/TD (psi)	24500/27500	ASTM D882
Elmendorf Tear Strength MD/TD (g)	310/190	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° are recommended for Trademark's LD3920 Series with blow-up ratios of 1.5:1 or higher.

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