



# TRADEMARK POLYETHYLENE

## LD2923 Series

Technical Data Sheet

## LDPE Film Resin

### Applications

- General Purpose Clarity Applications
- Medium Duty Produce Bags
- Bakery Bags
- Bags for Textile Items

### Properties

- Excellent Haze and Gloss
- Good Strength
- Good Heat Sealability
- Excellent Processability

### Grades

- 2923B - No additives
- 2923F - Medium Slip & Antiblock

Properties	Value	Method
Melt Index, $MI_2$ (gm/10min)	2.0	ASTM D1238
Density* (gm/cc)	0.923	ASTM D1505
Haze* (%)	5.0	ASTM D1003
Specular Gloss @ 45°	76	ASTM D2457
Dart Impact (gms)	100	ASTM D1709
Ultimate Tensile MD/TD (psi)	3500/2700	ASTM D882
Elongation MD/TD (%)	350/700	ASTM D882
1% Secant Modulus MD/TD (psi)	25000/29000	ASTM D882
Elmendorf Tear Strength MD/TD (g)	360/195	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 LD2923 Series with blow-up ratios of 1.5:1 or higher.

