



# TRADEMARK POLYETHYLENE

## LLB1918 Series

*Technical Data Sheet*

## LLDPE Film Resin

### **Applications**

- Heavy Duty Sacks
- Liners
- Food Packaging
- Commercial Packaging

### **Properties**

- Butene Comonomer
- Excellent Puncture
- Excellent Drawdown
- Excellent Heat Seal

### **Grades**

- LLB1918B - Barefoot
- LLB1918C - No Slip & High Antiblock
- LLB1918F - High Slip & Antiblock

<i>Properties</i>	<i>Value</i>	<i>Method</i>
Melt Index, $MI_2$ (gm/10min)	1.0	ASTM D1238
Density* (gm/cc)	0.918	ASTM D1505
Haze* (%)	17	ASTM D1003
Specular Gloss @ 45°	45	ASTM D2457
Dart Impact (gms/mil)	110	ASTM D1709
Elmendorf Tear MD/TD (g/mil)	130/320	ASTM D1922
Tensile at Break MD/TD (psi)	6600/4600	ASTM D882
Elongation at Break MD/TD (%)	570/730	ASTM D882
1% Secant Modulus MD/TD (psi)	27000/27500	ASTM D882

Typical film property as measured on a 1.0 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 3.1(a).

### **PROCESSING**

Extrusion melt temperatures of 400° to 450°F are recommended for Trademark's LLB1918 Series with blow-up ratios of 1.5:1 or higher.

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