

LLH1918 Series

Technical Data Sheet

LLDPE Film Resin

Applications

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

Properties

- Butene Comonomer
- Excellent Strength
- Excellent Drawdown
- Excellent Heat Seal

Grades

- LLH1918B - Barefoot
- LLH1918C - No Slip & High Antiblock
- LLH1918F - High Slip & Antiblock

PROPERTIES

VALUE

METHOD

PROPERTIES	VALUE	METHOD
Melt Index, MI ₂ (gm/10min)	1.0	ASTM D1238
Density (gm/cc)	0.918	ASTM D1505
Haze* (%)	19	ASTM D1003
Specular Gloss @ 45°	35	ASTM D2457
Dart Impact (gms/mil)	210	ASTM D1709
Elmendorf Tear MD/TD (g/mil)	350/625	ASTM D1922
Tensile at Break MD/TD (psi)	8100/6100	ASTM D882
Elongation at Break MD/TD (%)	580/690	ASTM D882
1% Secant Modulus MD/TD (psi)	29500/32000	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 375° to 425°F are recommended for Trademark's LLH1918 Series with blow-up ratios of 1.5:1 or higher.

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