



TRADEMARK POLYETHYLENE

LLH2942

Technical Data Sheet

LLDPE Film Resin

Applications

- Agricultural Film
- Overwrap Film
- Diaper Backsheet
- Blown & Cast Film

Properties

- Hexene Comonomer
- Medium Density
- Excellent Stiffness
- Good Tensile

Additives

- Thermal Stabilizer

Properties	Value	Method
Melt Index, MI_2 (gm/10min)	2.0	ASTM D1238
Density* (gm/cc)	0.942	ASTM D1505
Haze* (%)	18.0	ASTM D1003
Specular Gloss @ 45°	41	ASTM D2457
Dart Impact (gms/mil)	< 50	ASTM D1709
Elmendorf Tear MD/TD (g/mil)	20/112	ASTM D1922
Tensile at Break MD/TD (psi)	7100/6000	ASTM D882
Elongation at Break MD/TD (%)	760/920	ASTM D882
1% Secant Modulus MD/TD(psi)	79000/100000	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 350° to 400°F are recommended for Trademark's LLH2942 Series with blow-up ratios of 2:1 or higher.

