

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

Grades

- 5025 - Pellets
- 5025G - Granules

PROPERTIES

VALUE

METHOD

PROPERTIES	VALUE	METHOD
Melt Index, MI2 (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 (%)	760/920	ASTM D882
Elongation at Break MD/TD (%)	760/920	ASTM D882
1% Secant Modulus MD/TD (psi)	79000/10000	ASTM D882

Typical 1m property as measured on a 1.0 mil blown 1m 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.

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