



HIFOR® LT74147

Linear Low Density Polyethylene

Applications

- Vegetable packaging
- Bread bags
- Ice bags

Product Description

HIFOR® LT74147 is a high-strength linear low density polyethylene with medium slip and high antiblock levels designed for blown film extrusion. It is well-suited for consumer and industrial packaging markets which require good impact and tear strength. This resin also facilitates the production of films at thin gauges.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	1.0 g/10 min
Density		D 1505	920 kg/m ³ (0.920 g/cm ³)
Dart Impact		D 1709	200 g/mil
Haze		D 1003	19.0%
Gloss @ 45°		D 2457	46
Ultimate Tensile	M.D.	D 882	6,900 psi
	T.D.	D 882	4,600 psi
Elongation	M.D.	D 882	750%
	T.D.	D 882	1000%
1% Secant Modulus	M.D.	D 882	29,000 psi
	T.D.	D 882	35,000 psi

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Notes

Test specimens for blown film: nominal thickness 1.0 mils; blow up ratio 2.4:1, die gap 100 mils.

Processing

Melt temperatures of 420°F – 450°F are recommended for HIFOR® LT74147 with blow-up ratios of 1.5:1 or higher.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

Westlake Polymers LLC
 2801 Post Oak Boulevard, Suite 600
 Houston, Texas 77056
 1.800.545.9577
www.westlake.com

05/14/20