

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.

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