

Applications

- Ice bags
- Heavy duty films

Product Description

HIFOR® LT74159 is a high-strength linear low density polyethylene containing process aid for ease of extrusion and no slip or antiblock. It is designed for blown film applications and is well suited for consumer and industrial packaging markets which require impact and tear strength.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.5 g/10 min
Density		D 1505	920 kg/m ³ (0.920 g/cm ³)
Dart Impact		D 1709	300 g/mil
Haze		D 1003	8.0%
Gloss @ 45°		D 2457	64
Ultimate Tensile	M.D.	D 882	7,500 psi
	T.D.	D 882	5,800 psi
Elongation	M.D.	D 882	650%
	T.D.	D 882	850%
1% Secant Modulus	M.D.	D 882	28,000 psi
	T.D.	D 882	33,000 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 2.5:1, die gap 100 mils.

Processing

Melt temperatures of 400°F – 430°F are recommended for HIFOR® LT74159 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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