



Application/Uses

- Heavy duty bags and sacks
- Agricultural films

Product Description

Westlake LF2018 is a hexene LLDPE suitable for blown heavy duty films and shipping sacks. This material has increased stiffness, and can be blended with LDPE for strength property enhancements.

Typical Physical Properties

Property ^a		Test ^b Method	Typical Value, Units ^c
Melt Index		D 1238	0.80 g/10 min
Density		D 1505	924 kg/m ³ (0.924 g/cm ³)
Haze (No Antiblock)		D 1003	15.0 %
Dart Impact		D 1709	120 g/mil
Elmendorf Tear	MD	D 882	60 g/mil
	TD	D 882	450 g/mil (4.4N)
Tensile Break	MD	D 882	42 MPa (6,100 psi)
	TD	D 882	37 MPa (5,400 psi)
Ultimate Elongation	MD	D 882	700 %
	TD	D 882	800 %
1% Secant Modulus	MD	D 882	37,000 psi
	TD	D 882	42,000 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

Kosher Compliant

Test specimens for blown film: nominal thickness 1.0 mils fabricated at 2.5:1 BUR, 100 mil die gap, 440° F, 9 lbs/hr/in.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING

Blown film melt temperatures of 410° F – 450° F are recommended for Westlake LF2018.

COMMENTS

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.

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