



## 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

<u>Property<sup>a</sup></u>		<u>Test<sup>b</sup> Method</u>	<u>Typical Value, Units<sup>c</sup></u>
Melt Index		D 1238	0.80 g/10 min
Density		D 1505	924 kg/m <sup>3</sup> (0.924 g/cm <sup>3</sup> )
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

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

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> 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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