



## Application/Uses

- Bags and sacks
- Agricultural films
- Trash bags and liners
- Co-extruded structures

## Product Description

Westlake LF 2020 is a hexene LLDPE with excellent physical properties and heat sealing characteristics, which allow for down-gauging and blending with other materials. Typical applications include stretch films, heavy duty bags and sacks, agricultural films, and trash bags & liners. This Kosher compliant material is available with various slip and antiblock levels.

## 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	1.0 g/10 min
Density		D 1505	919 kg/m <sup>3</sup> (0.919 g/cm <sup>3</sup> )
Haze (No antiblock)		D 1003	15.0 %
Dart Impact		D 1709	220 g/mil
Elmendorf Tear	MD	D 1922	300 g/mil
	TD		700 g/mil
Tensile Break	MD	D 882	40.7 MPa (5900 psi)
	TD		28.3 MPA (4100 psi)
Ultimate Elongation	MD	D 882	670 %
	TD		900 %
1% Secant Modulus	MD	D 882	207 MPa (30,000 psi)
	TD		248 MPa (36,000 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 420 F, 2.5:1 BUR, with 100 mil die gap.

### FDA

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

### PROCESSING

Blown film extrusion melt temperatures of 410° F – 440° F are recommended for Westlake LF2020.

### 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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