



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^a</u>		<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Melt Index		D 1238	1.0 g/10 min
Density		D 1505	919 kg/m ³ (0.919 g/cm ³)
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)

^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 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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