



Westlake Chemical

LF1020



Linear Low Density Polyethylene

Application/Uses

- Stretch wrap
- Agricultural films
- Trash bags
- Co-extruded structures

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Product Description

Westlake LF1020 is a butene LLDPE with excellent mechanical and downgauging advantages. It is suitable for can liners, stretch wrap, agricultural film, and blending with LDPE. This product is available with various slip and antiblock formulations.

Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	1.1 g/10 min
*Density		D 1505	918 kg/m ³ (0.918 g/cm ³)
Haze*		D 1003	15.0 %
Dart Impact		D 1709	120 g/mil
Tensile Break	MD	D 882	1,500 psi
	TD	D 882	1,500 psi
Ultimate Elongation	MD	D 882	5,200 psi
	TD	D 882	3,600 psi
1% Secant Modulus	MD	D 882	27,000 psi
	TD	D 882	30,000 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 fabricated at 2.5:1 BUR.

FDA

This resin grade complies with 21 CFR 177.1520. For further information, please contact Product Regulatory Compliance.

PROCESSING

Cast melt temperatures of 400° F – 420° F are recommended for Westlake Chemical LF1020.

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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