



Application/Uses

- Bags and sacks
- Agricultural films
- Heavy duty bags and sacks
- Co-extruded structures

Product Description

Westlake LF2010 is a hexene LLDPE with increased stiffness suitable for blown heavy duty films and shipping sacks. This material contains process aid for improved ease of extrusion, 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	0.85 g/10 min
Density		D 1505	926 kg/m ³ (0.926 g/cm ³)
Haze (No anitblock)		D 1003	15.0 %
Dart Impact		D 1709	100 g/mil
Elmendorf Tear	MD	D 882	140 (1.4N)
	TD	D 882	880 (8.8N)
Tensile Break	MD	D 882	45 MPa (6500 psi)
	TD	D 882	41 MPa (6000 psi)
Ultimate Elongation	MD	D 882	700 %
	TD	D 882	900 %
1% Secant Modulus	MD	D 882	41,000 psi
	TD	D 882	54,000 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, 50 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 extrusion temperatures of 420° F – 450° F are recommended for Westlake LF2010.

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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