Westlake Polymers

Enhancing your life every day

LF1021

Linear Low Density Polyethylene

Application/Uses
- Blown stretch film
- Agricultural films
- Trash bags

Product Description

Westlake LF1021 is a butene blown film LLDPE providing excellent mechanical and downgauging performance. This Kosher compliant product is formulated with medium slip, high antiblock, and process aid for high speed blown film extrusions from narrow and wide die gaps..

Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	1.1 g/10 min
*Density		D 1505	918 kg/m^3 (0.918 g/cm^3)
Haze*		D 1003	20.0 %
Dart Impact		D 1709	120 g/mil
Tensile Break	MD	D 882	5,200 psi
	TD	D 882	3,600 psi
Ultimate Elongation	MD	D 882	670%
	TD	D 882	900%
1% Secant Modulus	MD	D 882	27,000 psi
	TD	D 882	30,000 psi

* 1000 ppm slip, 5500 ppm antiblock

[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, 400° F melt temperature, 9 lbs/hr/in, 100 mil die gap.

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

PROCESSING
Blown melt temperatures of 400° F – 420° F are recommended for Westlake LF1021.

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.