



## Application/Uses

- Medium duty produce bags
- Good clarity shrink film
- Bags for textile items
- Beverage/Bottle overwrap

## Product Description

WESTLAKE polyethylene EF403 is a fractional melt low-density formulation suggested for use in clarity shrink applications. This LDPE formula exhibits excellent shrinkability, and has very good optical properties.

## Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	0.80 g/10 min
*Density		D 1505	924 kg/m <sup>3</sup> (0.924 g/cm <sup>3</sup> )
*Haze		D 1003	4.0 %
*Specular Gloss @ 45°		D 2457	75
Dart Impact		D 1709	125 g/mil
Ultimate Tensile	MD	D 882	4,400 psi
	TD	D 882	3,400 psi
Elongation	MD	D 882	500 %
	TD	D 882	700 %
1% Secant Modulus	MD	D 882	26,000 psi
	TD	D 882	32,000 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 1.25 mils; blow up ratio 2.5:1, die gap 35 mils.

## FDA

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

## PROCESSING

Melt temperatures of 360° F – 390° F are recommended for Westlake Chemical EF403 with blow-up ratios of 1.5:1 or higher.

## 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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