



## Application/Uses

- Bread bags
- Food packaging
- Food contact applications
- Produce bags
- Industrial packaging

## Product Description

Westlake Polyethylene EF923 is a low density formulation suggested for film applications that require a good balance of properties such as converter film for industrial packaging and general purpose packaging. It is also suggested for heat-sealing treated-to-treated film surfaces and where good clarity is important.

## Typical Physical Properties

<u>Property<sup>a</sup></u>		<u>Test<sup>b</sup> Method</u>	<u>Typical Value, Units<sup>c</sup></u>
Melt Index (Condition 190°C/2.16 kg)		D 1238	2.5 g/10 min
Density		D 4883	921 kg/m <sup>3</sup> (0.921 g/cm <sup>3</sup> )
Haze		D 1003	6.0%
Gloss @ 45°		D 2457	70
Impact		D 1709A	100 g
Tensile Strength @ Break	M.D.	D 882	26 MPa (3800 psi)
	T.D.	D 882	19 MPa (2700 psi)
Elongation (%)	M.D.	D 882	250%
	T.D.	D 882	750%
1% Secant Modulus	M.D.	D 882	186 MPa (27000 psi)
	T.D.	D 882	220 MPa (32000 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

Test specimens for blown film: nominal thickness 1.5 mils; blow up ratio 2.4:1, die gap 50 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 – 380° F are recommended for Westlake Chemical EF923 with blow-up ratios of 2.4:1 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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