



## Application/Uses

- High Clarity Packaging
- Light and Medium Duty Produce Bags
- Linear Blend Component for Sealing and Clarity

## Product Description

Westlake EF437 resin is a 2.5% EVA copolymer designed for films that require excellent optical and strength properties. This resin has excellent heat sealing characteristics and low temperature brittleness properties.

## 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	2.0 g/10 min
Density		D 1505	925 kg/m <sup>3</sup> (0.925 g/cm <sup>3</sup> )
Haze		D 1003	3.3%
Gloss @ 45°		D 2457	79
Impact		D 1709A	150 g
Tensile Strength @ Break	M.D.	D 882	24 MPa (3500 psi)
	T.D.	D 882	17 MPa (2500 psi)
Elongation (%)	M.D.	D 882	350%
	T.D.	D 882	700%
1% Secant Modulus	M.D.	D 882	138 MPa (20000 psi)
	T.D.	D 882	152 MPa (22000 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 1.25 mils; blow up ratio 2.5:1, die gap 35 mils.

## FDA

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

## PROCESSING

Melt temperatures of 360° F – 390° F are recommended for Westlake EF437 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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