



## Application/Uses

- High clarity packaging
- High impact

## Product Description

Westlake EF439 resin is a 4.0% EVA copolymer designed for films that require excellent haze and gloss and impact strength. This Kosher compliant resin also has excellent heat sealing characteristics and low temperature brittleness properties.

## Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	1.4 g/10 min
*Density		D 1505	9265 kg/m <sup>3</sup> (0.9265 g/cm <sup>3</sup> )
*Haze		D 1003	4.4%
*Specular Gloss @ 45°		D 2457	72
Dart Impact		D 1709	250 g (g/mil)
Ultimate Tensile	M.D.	D 882	4000 psi
	T.D.	D 882	3100 psi
Elongation	M.D.	D 882	300%
	T.D.	D 882	600%
1% Secant Modulus	M.D.	D 882	21,000 psi
	T.D.	D 882	26,000 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 177.1350. For further information, please contact Product Regulatory Compliance.

## PROCESSING

Melt temperatures of 360° F – 390° F are recommended for Westlake Chemical EF439 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.

*Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability, fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

**WESTLAKE CHEMICAL CORPORATION**  
2801 Post Oak Blvd Suite 600 Houston, Texas  
Customer Service: 1-800-545-9577