



# Westlake Chemical

**ELEVATE™**  
**EF522**

12% EVA Copolymer

## Application/Uses

- Flexible packaging films
- Peelable seals, adhesive layers
- Injection and blow molding
- Profile extrusions, tubing, wire & cable

## Product Description

Westlake ELEVATE™ EF522 is an ethylene vinyl acetate copolymer with 12% VA. EF522 is designed for blown and cast films requiring excellent optics and low heat seal initiation. High melt strength makes this material an excellent choice for profile extrusions, molding, and foaming applications requiring medium VA content.

## Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	2.5 g/10 min
Density		D 1505	933 kg/m <sup>3</sup> (0.933 g/cm <sup>3</sup> )
Haze		D 1003	2.3 %
Gloss @ 45°		D 2457	84
Ultimate Tensile	MD	D 638	3,900 psi
	TD	D 638	3,200 psi
1% Secant Modulus	MD	D 882	10,500 psi
	TD	D 882	11,500 psi
Elongation	MD	D 882	300%
	TD	D 882	800%
Dart Impact		D1709	240 grams
DSC Peak Melting Temperature		D 3418	94°C (201°F)
Vicat Softening Point		D 1525	70°C (158°F)

<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

Typical film property as measured on a 1.3 mil blown film sample fabricated at a 2.5:1 B.U.R.

## FDA

This resin grade complies with 21 CFR, section 177.1350. For further information, please contact Product Regulatory Compliance.

## PROCESSING

A blown film melt temperature not to exceed 380° F and a cast film melt temperature not to exceed 410° F is recommended for ELEVATE™ EF522.

## NOTICE

The data listed represents typical values as measured by Westlake Chemical Corporation. They are given for information only, and not guarantee of their accuracy is made. The product is sold upon condition that purchasers shall make their own tests to determine the characteristics of the product and the suitability of the product for their particular purpose.

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