



## Application/Uses

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

## Product Description

Westlake ELEVATE™ EF529AA is an ethylene vinyl acetate copolymer with 18.5% VA. EF529AA does not contain slip or antiblock, and is designed for blown and cast films requiring excellent optics and low heat seal initiation. High melt strength makes EF529AA an excellent choice for profile extrusions, molding, and foaming applications requiring medium VA content.

## Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	2.5 g/10 min
Density		D 1505	940 kg/m <sup>3</sup> (0.940 g/cm <sup>3</sup> )
Haze		D 1003	3.6 %
Gloss @ 45°		D 2457	82
Ultimate Tensile	MD	D 638	3,600 psi
	TD	D 638	3,500 psi
1% Secant Modulus	MD	D 882	6,100 psi
	TD	D 882	7,300 psi
Elongation	MD	D 882	600%
	TD	D 882	800%
Dart Impact		D1709	290 grams
DSC Peak Melting Temperature		D 3418	85°C (185°F)
Vicat Softening Point		D 1525	67°C (153°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.

Typical film property as measured on a 1.25 mil blown film sample fabricated at a 2.5:1 B.U.R.

## FDA

Westlake ELEVATE™ EF529AA complies with 21 CFR, section 177.1350. This resin has also been tested and found to comply with the requirements for US Pharmacopeia (USP) Class VI designation. For further information, please contact Product Regulatory Compliance.

## PROCESSING

A blown film melt temperature not to exceed 350° F and a cast film melt temperature not to exceed 400° F is recommended for ELEVATE™ EF529AA.

## NOTICE

The data listed represents typical values as measured by Westlake Chemical Corporation. They are given for information only and are believed in good faith to be accurate. However, the conditions and methods of use of Westlake's products are beyond its control. As a result, it is the customer's sole responsibility to conduct appropriate tests to establish the suitability of this material for the customer's intended use and to determine how Westlake's product will be used in that application. While this material has satisfied USP Class VI testing requirements, Westlake makes no end-use representation on the basis of such testing. Westlake makes no, and specifically disclaims any, representation or warranty of any kind, express or implied, with respect to this product, whether as to merchantability, fitness for particular purpose or otherwise.

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