

## Technical Data Sheet

### Applications

- Extrusion coating
- Thermal laminations
- Cast film

### Product Description

ELEVATE® EB527 is a 16% vinyl acetate copolymer designed for cast films, extrusion coatings, and thermal laminations.

### Typical Physical Properties

Property <sup>a</sup>	Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index (Condition 190°C/2.16 kg)	D 1238	12 g/10 min
Density	D 1505	936 kg/m <sup>3</sup> (0.936 g/cm <sup>3</sup> )
Peak Melting Point by DSC (T <sub>m</sub> )	D 3418	89°C (192°F)
Vicat Softening Temperature	D 1525	61°C (142°F)
Tensile Strength @ Break	D 638 Type IV	11.7 MPa (1,700 psi)
Elongation @ Break	D 638 Type IV	600%
Flexural Modulus, 1% Secant	D 790	55.2 MPa (8,000 psi)
Durometer Hardness, Shore D	D 2240	40

<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

The reported properties were measured from compression molded specimens prepared according to ASTM D 1928.

### Processing

Melt temperatures of 360°F – 390°F are recommended for ELEVATE® EB527.

### Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

*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 the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*