

## Technical Data Sheet

### Applications

- Hot Melt Adhesives
- Sealants
- Wax Blends

### Product Description

ELEVATE® DS285 resin is a 30% vinyl acetate copolymer (EVA). It is a very low viscosity EVA resin primarily used in hot melt adhesives. It contains a pellet handling additive commonly used in some EVA resins to improve pellet flow.

### Typical Physical Properties

Property <sup>a</sup>	Test Method <sup>b</sup>	Typical Value, Units <sup>c</sup>
Melt Index	D 1238	850 g/10 min
Density	D 1505	943 kg/m <sup>3</sup> (0.943 g/cm <sup>3</sup> )
Peak Melting Point by DSC (T <sub>m</sub> )	D 3418	73°C (163°F)
Melt Viscosity at 190°C	D 3236	9,000 mPa*s
Tensile Strength @ Break	D 638 Type IV	1.6 MPa (230 psi)
Flexural Modulus – 1% Secant	D 790	13.8 MPa (2,000 psi)
Durometer Hardness – Shore D	D 2240	20

<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 using compression molded specimens prepared according to ASTM D 1928.

### Processing

Melt temperatures of 360°F – 390°F are recommended for DS285.

### 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.*