

Applications

- Hot melt adhesives
- Sealants
- Wax blends

Product Description

ELEVATE[®] EM530AA is an 18% vinyl acetate copolymer (EVA). It is a low viscosity resin particularly suitable for hot melt adhesives. It contains a pellet handling additive commonly used in some EVA resins to improve pellet flow.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	150 g/10 min
Density	D 1505	930 kg/m ³ (0.930 g/cm ³)
Tensile Strength @ Break	D 638 Type IV	5.3 MPa (770 psi)
Flexural Modulus – 1% Secant	D 790	41.4 MPa (6,000 psi)
Durometer Hardness – Shore D	D 2240	34
DSC Peak Melting Temperature	D 3418	84°C (183°F)

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Notes

The reported physical properties were measured using compression molded specimens prepared per ASTM D 1928, Procedure C.

Processing

Melt temperatures of 360°F – 390°F are recommended for EM530AA.

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.