



ELEVATE® EM283

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

- Hot melt adhesives
- Sealants

Product Description

ELEVATE® EM283 is a 28% vinyl acetate copolymer (EVA). It is a 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 ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	150 g/10 min
Density	D 1505	947 kg/m ³ (0.947 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	72°C (162°F)
Tensile Strength @ Break	D 638 Type IV	2.8 MPa MPa (400 psi)
Flexural Modulus – 1% Secant	D 790	13.8 MPa (2,000 psi)
Durometer Hardness – Shore D	D 2240	24

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

Processing

Melt temperatures of 360°F – 390°F are recommended for EM283.

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.

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