

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 (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.

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