

Applications

- Hot Melt Adhesives
- Sealants
- Wax Blends

Product Description

ELEVATE® DS285AA 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 ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	850 g/10 min
Density	D 1505	943 kg/m ³ (0.943 g/cm ³)
DSC Peak Melting Temperature	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

^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 DS285AA.

Regulatory Compliance

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

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