



ELEVATE® EM280

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

- Hot melt adhesives
- Blown & cast Films
- Compounding & masterbatches

Product Description

ELEVATE® EM280 is a 28% vinyl acetate copolymer (EVA). It is a higher viscosity EVA resin which is used in a broad range of applications, including hot melt adhesives and films. 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	6.0 g/10 min
Density	D 1505	948 kg/m ³ (0.948 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	75°C (167°F)
Vicat Softening Temperature	D 1525	49°C (120°F)
Tensile Strength @ Break	D 638 Type IV	19.3 MPa (2,800 psi)
Elongation @ Break	D 638 Type IV	1,100%
Flexural Modulus – 1% Secant	D 790	24.1 MPa (3,500 psi)
Durometer Hardness – Shore A	D 2240	85
Durometer Hardness – Shore D	D 2240	30

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

Processing

Melt temperatures of 360°F – 390°F are recommended for EM280.

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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