



ELEVATE® EF532

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

- Cast film
- Thermal laminations

Product Description

ELEVATE® EF532 resin is a 12% vinyl acetate copolymer designed as a heat seal layer for coextruded cast film applications that require excellent optical properties and low heat seal initiation temperature.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	8.0 g/10 min
Density	D 1505	933 kg/m ³ (0.933 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	94°C (201°F)
Vicat Softening Temperature	D 1525	70°C (158°F)
Haze	D 1003	2.5%
Gloss @ 45°	D 2457	80
Dart Impact	D 1709	125 g
Tensile Strength @ Break	M.D. D 882 T.D. D 882	24.8 MPa (3,600 psi) 21.4 MPa (3,100 psi)
Elongation	M.D. D 882 T.D. D 882	400% 800%
1% Secant Modulus	M.D. D 882 T.D. D 882	72.4 MPa (10,500 psi) 79.3 MPa (11,500 psi)

^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 for 1 mil cast film.

Processing

Melt temperatures of 380°F – 410°F are recommended for EF532.

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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