



ELEVATE® EF598

Ethylene Vinyl Acetate Copolymer

Applications

- Frozen packaging tie layer
- Heat seal layer
- Extrusion coating and cast film
- Compounding

Product Description

ELEVATE® EF598 resin is a 9.0% vinyl acetate copolymer designed for extrusion coating, laminations, cast film, and compounding. This grade exhibits excellent clarity, toughness, drawdown, and TD heat shrinkage.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	8.0 g/10 min
Density	D 1505	930 kg/m ³ (0.930 g/cm ³)
DSC Melting Point	D 3418	97°C (207°F)
Durometer Hardness, Shore D	D 2240	48
Vicat Softening Temperature	D 1525	74°C (165°F)
Tensile Strength @ Break	D 638 Type IV	12.1 MPa (1,760 psi)
Tensile Strength @ Yield	D 638 Type IV	7.1 MPa (1,030 psi)
Tensile Elongation @ Break	D 638 Type IV	500%
Tensile Modulus, 1% Secant	D 638 Type IV	96.5 MPa (14,000 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

Test specimens for physical properties were prepared by compression molding.

Processing

Melt temperatures of 360°F – 390°F are recommended for EF598.

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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