Westlake Chemical

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/m³ (0.930 g/cm³)
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.

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