Westlake Polyethylene™

ELEVATE® EF539

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

- Extrusion coating
- Thermal laminations

Product Description

Westlake ELEVATE® EF539 resin is an 18% vinyl acetate copolymer designed for extrusion coating and thermal laminations.

Typical Physical Properties

Property [a]	Test Method [b]	Typical Value, Units [c]
Melt Index (Condition 190°C/2.16 kg)	D 1238	30 g/10 min
Density	D 1505	935 kg/m³ (0.935 g/cm³)
Peak Melting Point by DSC (T_m)	D 3418	84°C (183°F)
Vicat Softening Temperature	D 1525	52°C (126°F)
Tensile Strength @ Break	D 638 Type IV	10.2 MPa (1,475 psi)
Tensile Elongation @ Break	D 638 Type IV	650%
Durometer Hardness, Shore D	D 2240	39

[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 from compression molded specimens prepared according to ASTM D 1928.

Processing

Melt temperatures of 370°F – 400°F are recommended for EF539.

Regulatory Compliance

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

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