



ELEVATE® EF563LV

Ethylene Vinyl Acetate Copolymer

Applications

- Batch inclusion bags
- Film packaging

Product Description

ELEVATE® EF563LV is a 6.5% vinyl acetate copolymer designed for blown film applications. EF563LV has excellent drawdown, low temperature melting / dispersion, and clarity in a soft but very tough film. It contains slip and antiblock additives.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	1.1 g/10 min
Density		D 1505	932 kg/m ³ (0.932 g/cm ³)
Haze with antiblock		D 1003	10.0%
Gloss @ 45° with antiblock		D 2457	60
Dart Impact		D 1709	180 g
Tensile Strength @ Break	M.D.	D 882	31.0 MPa (4,500 psi)
	T.D.	D 882	22.8 MPa (3,300 psi)
1% Secant Modulus	M.D.	D 882	96.5 MPa (14,000 psi)
	T.D.	D 882	103.4 MPa (15,000 psi)
DSC Melting Point		D 3418	103° C (217°F)

^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 blown film: nominal thickness 1.5 mils; blow up ratio 2.5:1, die gap 35 mils.

Processing

Melt temperatures of 360°F – 390°F are recommended for EF563LV with blow-up ratios of 1.5:1 or higher.

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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10/01/19