

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.

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