

## Westlake Elevate™ EF563 6.5% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

### Material Notes:

Westlake EF 563 resin is a fractional melt index 6.5% EVA copolymer with excellent drawdown, low melting/dispersion, and clarity optics in a soft but very tough film. Kosher compliant. Application/Uses Film packaging Batch inclusion bags FDA: This material complies with FDA regulations in 21 CFR, section 177.1350. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-Elevate-EF563-65-Ethylene-Vinyl-Acetate-Copolymer.php](http://www.lookpolymers.com/polymer_Westlake-Elevate-EF563-65-Ethylene-Vinyl-Acetate-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.932 g/cc	0.0337 lb/in <sup>3</sup>	with antiblock; ASTM D1505
Vinyl Acetate Content	6.5 %	6.5 %	
Thickness	38.1 microns	1.50 mil	as tested
Melt Flow	1.1 g/10 min	1.1 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Dart Drop	7.09 g/micron	180 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	31.0 MPa	4500 psi	ASTM D882
Film Tensile Strength at Break, TD	22.8 MPa	3300 psi	ASTM D882
1% Secant Modulus, MD	96.5 MPa	14000 psi	ASTM D882
1% Secant Modulus, TD	103 MPa	15000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	103 °C	217 °F	Peak DSC; Westlake Method

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	with 9000 ppm antiblock; ASTM D1003
Gloss	60 %	60 %	at 45° (with 9000 ppm antiblock); ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	193 - 204 °C	380 - 400 °F	
Blow-up Ratio (BUR)	2.5	2.5	as tested

Descriptive Properties	Value	Comments
Process	Film	
Region	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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