



Westlake Chemical

ELEVATE™

EF563

6.5% EVA copolymer

Application/Uses

- Batch Inclusion bags
- Film packaging

Product Description

Westlake EF563 is 6.5% ethylene vinyl acetate copolymer designed for blown film extrusion. EF563 has excellent drawdown, low temperature melting/ dispersion, and clarity optics in a soft but very tough film.

Typical Physical Properties¹

Property		Test Method	Typical Value, Units
Melt Index		D 1238	1.1 g/10 min
Base Density (w/antiblock)		D 1505	0.932 g/cm ³
Haze (w/9000 ppm antiblock)		D 1003	10.0%
45° deg Gloss (w/9000 ppm antiblock)		D 1709	60.0
Dart Impact		D 882	180 g/mil
Ultimate Tensile	MD	D 882	4,500 psi
	TD	D 882	3,300 psi
1% Secant Modulus	MD	D 882	14,000 psi
	TD	D 882	15,000 psi
Peak melting point		Westlake DSC Method	103° C

¹ Typical film properties as measured on 1.5 mil blown film fabricated with a 35 mil die gap, 2.5:1 BUR, 400 F melt temperature, and 50 F chilled air at 7 lbs/hr/die in rate.

*Haze & Gloss values based on LV formulation - contains 1200 ppm erucamide slip and 9000 ppm antiblock.

NOTES: Kosher Compliant. This material is experimental, and all data listed is subject to change.

FDA

This material complies with FDA regulations in 21 CFR, section 177.1350. For further information, please contact Product Regulatory Compliance.

PROCESSING

Extrusion melt temperatures of 380° – 400° F are recommended for EF563. Avoid exceeding 410° F melt temperatures to prevent degradation.

NOTICE

The data listed represents typical values as measured by Westlake Chemical Corporation. They are given for information only, and not guarantee of their accuracy is made. The product is sold upon condition that purchasers shall make their own tests to determine the characteristics of the product and the suitability of the product for their particular purpose.

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