



Westlake Polymers

Enhancing your life every day

ELEVATE™
EF545AW
4.0 % EVA copolymer

Application/Uses

- Pallet wrap stretch film
- Food packaging stretch film

Product Description

Westlake EF545AW resin is a 4.0% VA ethylene vinyl acetate copolymer with high antiblock designed for stretch and other film applications where cold temperature performance and low C.O.F. are needed. This grade provides reasonable optics even with the high antiblock loading necessary to achieve the low C.O.F. Excellent cold temperature performance, toughness, and resistance to load deformation make EF545AW a wise selection for wrapping pallets stored in food freezers and other cold environments.

Typical Physical Properties^a

Property		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.55 g/10 min
Density		D 1505	932 kg/m ³ (0.931 g/cm ³)
Haze		D 1003	13 %
Specular Gloss @ 45°		D 2457	50
Dart Impact		D 1709	160 grams
Ultimate Tensile	M.D.	D 882	22 MPa (3320 psi)
	T.D.	D 882	17 MPa (2550 psi)
Elongation	M.D.	D 882	225 %
	T.D.	D 882	600 %
1% Secant Modulus	M.D.	D 882	166 MPa (25000 psi)
	T.D.	D 882	200 MPa (30000 psi)
Coefficient of Friction		D 1894	0.5

^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

Kosher Compliant. Test specimens for blown film: nominal thickness 1.5 mils; blow up ratio 2.4:1, die gap 35 mils.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements .

PROCESSING

Contact Westlake Technical Services Group for processing temperature information. (903-242-7693)

COMMENTS

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.

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