



Westlake Polymers

Enhancing your life every day

ELEVATE™

EF524

14.5% EVA Copolymer

Application/Uses

- Flexible packaging films
- Peelable seals, adhesive layers
- Injection and blow molding
- Profile extrusions, tubing, wire & cable

Product Description

Westlake ELEVATE™ EF524 is an ethylene vinyl acetate copolymer with 14.5% VA. EF524 is designed for blown and cast films requiring excellent optics and low heat seal initiation. High melt strength makes EF524 an excellent choice for profile extrusions, molding, and foaming applications requiring high VA content.

Typical Physical Properties^a

Property		Test Method ^b	Typical Value, Units
Melt Index		D 1238	3.5 g/10 min
Density		D 1505	934 kg/m ³ (0.934 g/cm ³)
DSC Peak Melting Temperature		D 3418	90°C (194°F)
Vicat Softening Point		D 1525	67°C (153°F)
*Haze		D 1003	1.5 %
*Gloss @ 45°		D 2457	87
Tensile at Break	MD	D 882	3,200 psi
	TD	D 882	3,000 psi
1% Secant Modulus	MD	D 882	7,500 psi
	TD	D 882	8,000 psi
Elongation	MD	D 882	700 %
	TD	D 882	1,000 %
Dart Impact		D 1709	375 grams

^a All tests were run at 23°C (73°F) and 50% relative humidity.

^b Unless notes otherwise, the test method is ASTM.

Notes

Typical film properties as measured on a 2.0 mil blown film sample fabricated at a 2.5:1 B.U.R.

*As measured on AA formulation which contains no slip and no antiblock.

FDA

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

PROCESSING

A blown film melt temperature not to exceed 380° F and a cast film melt temperature not to exceed 410° F are recommended for ELEVATE™ EF524.

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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