



Application/Uses

- Frozen food packaging
- Fresh food packaging
- Ice Bags
- Heavy duty produce bags

Product Description

Westlake ELEVATE™ EB508AA is an ethylene vinyl acetate copolymer with 18% VA. EB508AA is designed for flexible packaging and other films that require excellent toughness and good heat sealing characteristics. This resin has excellent low temperature brittleness properties, melt strength, and flexibility.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.70 g/10 min
Density		D 1505	940 kg/m ³ (0.940 g/cm ³)
Haze		D 1003	2.0 %
Gloss @ 45°		D 2457	85 %
Ultimate Tensile	MD	D 638	4,600 PSI
	TD	D 638	4,500 PSI
1% Secant Modulus	MD	D 882	7,500 PSI
	TD	D 882	8,500 PSI
Elongation	MD	D 882	500 %
	TD	D 882	950 %
Dart Impact		D1709	600 grams
DSC Peak Melting Temperature		D 3418	86°C (187°F)
Vicat Softening Point		D 1525	68°C (154°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 **2.0 mils**; blow up ratio 2.5:1; die gap 35 mils.

FDA

Please contact Product Regulatory Compliance (903-242-7683).

PROCESSING

Melt temperatures of 360° F – 390° F are recommended for ELEVATE™ EB508AA with blow-up ratios of 1.5:1 or higher.

NOTICE

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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