



ELEVATE® EB508

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

- Frozen & fresh food packaging
- Ice bags
- Heavy duty produce bags

Product Description

ELEVATE® EB508 is an 18.5% vinyl acetate copolymer designed for films that require excellent toughness and good heat sealing characteristics. This resin has high melt strength for improved bubble stability during processing and yields highly flexible films with excellent low temperature performance.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	0.70 g/10 min
Density	D 1505	940 kg/m ³ (0.940 g/cm ³)
Peak Melting Point by DSC (T _m)	D 3418	87°C (189°F)
Vicat Softening Temperature	D 1525	68°C (154°F)
Haze	D 1003	2.0%
Gloss @ 45°	D 2457	85
Dart Impact	D 1709	600 g
Tensile Strength @ Break	M.D. D 882 T.D. D 882	31.7 MPa (4,600 psi) 31.0 MPa (4,500 psi)
Elongation	M.D. D 882 T.D. D 882	500% 950%
1% Secant Modulus	M.D. D 882 T.D. D 882	51.7 MPa (7,500 psi) 58.6 MPa (8,500 psi)

^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.

Processing

Melt temperatures of 360°F – 390°F are recommended for EB508 with blow-up ratios of 1.5:1 or higher.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

Westlake Polymers LLC
2801 Post Oak Boulevard, Suite 600
Houston, Texas 77056
1.800.545.9577
www.westlake.com

07/27/22