



ELEVATE® EF561

Ethylene Vinyl Acetate Copolymer

Technical Data Sheet

Applications

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

Product Description

ELEVATE® EF561 is a fractional melt index 6.5% vinyl acetate copolymer designed for ice bags, frozen food bags, and other films that require excellent toughness and good heat sealing characteristics. This resin has excellent low temperature brittleness properties.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index		D 1238	0.55 g/10 min
Density		D 1505	929 kg/m ³ (0.929 g/cm ³)
Haze		D 1003	4.8%
Gloss @ 45°		D 2457	74
Dart Impact		D 1709	480 g
Tensile Strength @ Break	M.D.	D 882	24.1 MPa (3,500 psi)
	T.D.	D 882	25.5 MPa (3,700 psi)
Tensile Elongation @ Break	M.D.	D 882	380%
	T.D.	D 882	550%
1% Secant Modulus	M.D.	D 882	103.4 MPa (15,000 psi)
	T.D.	D 882	110.3 MPa (16,000 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 1.25 mils; blow up ratio 2.5:1, die gap 35 mils.

Processing

Melt temperatures of 360°F – 390°F are recommended for EF561 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