



Westlake Polymers

Enhancing your life every day

EF561

6.5% EVA COPOLYMER

Application/Uses

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

Product Description

Westlake EF 561 resin is a fractional melt index 6.5% EVA 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		Test Method	Typical Value, Units
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%
*Specular Gloss @ 45°		D 2457	74
Dart Impact		D 1709	480 g (g/mil)
Ultimate Tensile	M.D.	D 882	3500 psi
	T.D.	D 882	3700 psi
Elongation	M.D.	D 882	380%
	T.D.	D 882	550%
1% Secant Modulus	M.D.	D 882	15,000 psi
	T.D.	D 882	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.

FDA

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

PROCESSING

Melt temperatures of 360° F – 390° F are recommended for Westlake EF561 with blow-up ratios of 1.5:1 or higher.

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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WESTLAKE CHEMICAL CORPORATION
2801 Post Oak Blvd Suite 600 Houston, Texas
Customer Service: 1-800-545-9577