



# 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 <sup>3</sup> (0.929 g/cm <sup>3</sup> )
*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

<sup>a</sup> Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

<sup>b</sup> Unless noted otherwise, the test method is ASTM.

<sup>c</sup> 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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