



Westlake Chemical

ELEVATE™

EB591

9.0 % EVA copolymer

Application/Uses

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

Product Description

Westlake EB591 resin is a 9% EVA copolymer designed for ice bags, frozen food bags, and other films that require excellent toughness and good heat sealing characteristics. This Kosher compliant resin has excellent low temperature brittleness properties.

Typical Physical Properties

Property		Test Method	Typical Value, Units
Melt Index		D 1238	2.0 g/10 min
Density		D 1505	931 kg/m ³ (0.931 g/cm ³)
Haze		D 1003	4.8%
Specular Gloss @ 45°		D 2457	60
Dart Impact		D 1709	175 g (g/mil)
Ultimate Tensile	M.D.	D 882	4700 psi
	T.D.	D 882	3400 psi
1% Secant Modulus	M.D.	D 882	14,000 psi
	T.D.	D 882	18,000 psi
Elongation	M.D.	D 882	300%
	T.D.	D 882	950%

^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

Kosher Compliant. Test specimens for blown film: nominal thickness 1.5 mils; blow up ratio 2.5:1.

FDA

This resin grade complies with 21 CFR 177.1350. For further information, please contact Product Regulatory Compliance.

PROCESSING

Melt temperatures of 380° F – 410° F are recommended for Westlake Chemical EB591.

COMMENTS

The data listed represent typical values based on initial trial testing and are subject to change with future development. They are given for information only; no guarantee of their accuracy is made. The product is sold upon condition that purchasers shall make their own tests to determine the characteristics of the product and the suitability of the product for their particular purposes.

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