



Application/Uses

- Cast Film

Product Description

Westlake EF706AA is a LDPE resin suggested for blown or cast film applications where stiffness and machinability are important.

Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	2.30g/10 min
*Density		D 1505	923 kg/m ³ (0.923 g/cm ³)
Dart Impact		D 1709	85 g/mil
Ultimate Tensile	MD	D 882	3,500 psi
	TD	D 882	2,800 psi
Ultimate Elongation	MD	D 882	300 %
	TD	D 882	600 %
1% Secant Modulus	MD	D 882	24,000 psi
	TD	D 882	30,000 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

Kosher Compliant. Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

FDA

This resin grade complies with 21 CFR 177.1520. For further information, please contact Product Regulatory Compliance.

PROCESSING

Melt temperatures of 520° F – 550° F are recommended for Westlake Chemical EF706AA in cast film applications. Melt temperatures of 380° F – 410° F are recommended for Westlake Chemical EF706AA in blown film applications.

COMMENTS

The data listed above represents typical values as measured by Westlake Chemical Corporation. They are given for information only, and 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 purpose.

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