



Westlake Chemical

EF606

Low Density Polyethylene

Application/Uses

- Trash bags
- General purpose liners
- Multiwall liners
- Industrial liners

Product Description

Westlake EF606 is a LDPE resin suggested for use in multiwall and general purpose liners, and for use as a blend resin in general purpose packaging applications. It has excellent processability, and is an excellent bubble stabilizer in LLDPE rich blends.

Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	2.20g/10 min
*Density		D 1505	919 kg/m ³ (0.919 g/cm ³)
Dart Impact		D 1709	125 g/mil
Ultimate Tensile	MD	D 882	3,900 psi
	TD	D 882	2,600 psi
Ultimate Elongation	MD	D 882	300 %
	TD	D 882	600 %
1% Secant Modulus	MD	D 882	22,000 psi
	TD	D 882	28,000 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 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 360° F – 400° F are recommended for Westlake Chemical EF606 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.

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.