



# Westlake Chemical

## EF603

Low Density Polyethylene

### Application/Uses

- Heavy duty refuse bags & liners
- Medium duty shrink film
- Bundling film

### Product Description

Westlake EF603 is a LDPE resin with excellent toughness and processability. It is suggested in heavy duty films and medium duty shrink applications. It can be used as a bubble stabilizer in LLDPE rich films.

### Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	1.20g/10 min
*Density		D 1505	919 kg/m <sup>3</sup> (0.919 g/cm <sup>3</sup> )
Dart Impact		D 1709	125 g/mil
Ultimate Tensile	MD	D 882	4,400 psi
	TD	D 882	2,900 psi
Ultimate Elongation	MD	D 882	180 %
	TD	D 882	690 %
1% Secant Modulus	MD	D 882	22,000 psi
	TD	D 882	28,000 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 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 EF603 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.