



# Westlake Chemical

## EF608

Low Density Polyethylene

### Application/Uses

- Compounding base resin
- Color concentrates
- Additives masterbatches

### Product Description

Westlake EF608 is a high melt index LDPE resin suggested for thin gauge garment films and other films requiring excellent drawdown. The high melt index makes this material a good choice in compounding applications as a carrier for masterbatch or other concentrates.

### Typical Physical Properties

<u>Property</u>		<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index		D 1238	9.5g/10 min
*Density		D 1505	919 kg/m <sup>3</sup> (0.919 g/cm <sup>3</sup> )
Dart Impact		D 1709	95 g/mil
Ultimate Tensile	MD	D 882	3,100 psi
	TD	D 882	2,300 psi
Ultimate Elongation	MD	D 882	575 %
	TD	D 882	730 %
1% Secant Modulus	MD	D 882	22,000 psi
	TD	D 882	26,000 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 EF608 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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