



# Westlake Chemical

## EC483

Low Density Polyethylene

### Application/Uses

- Milk cartons
- Liquid containers
- Multiwall bag stock
- Frozen food containers

### Product Description

WESTLAKE low-density polyethylene EC483 is recommended for use in the boardstock coating industry. This resin has low neck-in, good heat sealing properties, and good drawdown characteristics.

### Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index	D 1238	5.7 g/10 min
Density	D 1505	923 kg/m <sup>3</sup> (0.923 g/cm <sup>3</sup> )
Ultimate Tensile	D 638	1,600 psi
Elongation	D 638	450 %
Tensile Modulus	D 1709	24,000 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

Where required, test specimens are compression molded according to ASTM D1928.

### FDA

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

### PROCESSING

Westlake EC483 has very good flow properties which allow high speed coatings at weights from 4 lbs/3000 sq. ft. and up. Melt temperatures of 575° F - 625° F are suggested for Westlake Chemical EC483.

### 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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