



# Westlake Polymers

Enhancing your life every day

## EC478

Low Density Polyethylene

### Application/Uses

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

### Product Description

WESTLAKE polyethylene EC478 is a low-density resin recommended for use in boardstock coating. This material has an excellent combination of low neck-in, ease of processing, and good chill-roll release.

### Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index	D 1238	4.5 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 %

<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 product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

### PROCESSING

Westlake EC478 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 EC478.

### 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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