



Westlake Polymers

Enhancing your life every day

EC479

Low Density Polyethylene

Application/Uses

- Folded cartons
- Flexible packaging
- Cups

Product Description

WESTLAKE low-density polyethylene EC479 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	921.5 kg/m ³ (0.9215 g/cm ³)
Ultimate Tensile	D 638	1,500 psi
Elongation	D 638	475 %
Tensile Modulus	D 1709	20,000 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.

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 EC479 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 EC479.

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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