



## Application/Uses

- Food-contact applications
- Photographic paper

## Product Description

WESTLAKE low-density polyethylene EC1924 is a resin that is widely used in the boardstock coating industry. This material has an excellent combination of low neck-in, ease of processing, good chill-roll release, low coefficient of friction (COF) (for ease of indexing carton blanks) and good heat sealability. It is characterized by high-speed processability, excellent drawdown and reliable lot-to-lot consistency.

## Typical Physical Properties

<u>Property<sup>a</sup></u>	<u>Test<sup>b</sup> Method</u>	<u>Typical Value, Units<sup>c</sup></u>
Melt Index (Condition 190°C/2.16 kg)	D 1238	4.2 g/10 min
Density	D 4883	923 kg/m <sup>3</sup> (0.923 g/cm <sup>3</sup> )
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	10.0 MPa (1400 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	100%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	310 MPa (45,000 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 product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

## PROCESSING

Melt temperatures of 300° F - 330° F are recommended for Westlake EC1924.

## 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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**WESTLAKE CHEMICAL CORPORATION**  
2801 Post Oak Blvd Suite 600 Houston, Texas  
Customer Service: 1-800-545-9577