



Westlake Polymers

Enhancing your life every day

EC476

Low Density Polyethylene

Application/Uses

- Medium and lightweight coatings and laminations
- Substrate coatings to provide heat sealability
- Hot melt laminating adhesive
- General purpose coatings

Product Description

WESTLAKE polyethylene EC476 is a low-density resin designed for applications where high coating speeds and good drawdown are required. This material demonstrates good adhesion to paper, provides a good moisture barrier, and is heat-sealable at low temperatures.

Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>Typical Value, Units</u>
Melt Index	D 1238	13.7 g/10 min
Density	D 1505	918 kg/m ³ (0.918 g/cm ³)
Ultimate Tensile	D 638	1,300 psi
Elongation	D 638	450 %

^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.

^c 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 EC476 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 EC476.

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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