



Application/Uses

- Foil
- Food packaging
- Laminating
- Playing cards
- Toys/sporting goods

Product Description

WESTLAKE low-density polyethylene EC808 is a general-purpose formulation used for injection molding, general-purpose extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has a good moisture barrier, and is heat-sealable at low temperatures.

Typical Physical Properties

<u>Property^a</u>	<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Melt Index (Condition 190°C/2.16 kg)	D 1238	7.0 g/10 min
Density	D 4883	917 kg/m ³ (0.917 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	10 MPa (1500 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	400%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	207 MPa (30,000 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.

^c Units are in SI or US customary units.

NOTES

Kosher Compliant. 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

Melt temperatures of 575° F - 625° F are recommended for Westlake Chemical EC808.

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