



Westlake Chemical

EC800

EC800AA = 800E or 800P

Application/Uses

- General extrusion coating

Product Description

WESTLAKE low-density polyethylene EC800 is a general-purpose low-density formulation used for extrusion coating applications.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	1.7 g/10 min
Density	D 4883	918 kg/m ³ (0.918 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	12 MPa (1800 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	500%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	200 MPa (29,000 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

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 300° F - 330° F are recommended for Westlake Chemical EC800.

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.

Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

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