



Westlake Polymers

Enhancing your life every day

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

<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	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.

Applications

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

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

General

Where required, specimens are compression molded according to ASTM D1928.

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.