



### 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<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	1.7 g/10 min
Density	D 4883	918 kg/m <sup>3</sup> (0.918 g/cm <sup>3</sup> )
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)

<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.

### 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.