



# Westlake Polymers

Enhancing your life every day

## EC1550

EC1550AA = 1550P OR 1550F

### Application/Uses

- Flexible medical
- Foil
- Food packaging
- Food-contact applications
- Laminating
- Medical
- Playing cards
- Toys/sporting goods

### Product Description

WESTLAKE low-density polyethylene EC1550 is used for extrusion-coating applications, especially when increased heat-seal range is needed.

### 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	3.5 g/10 min
Density	D 4883	917 kg/m <sup>3</sup> (0.917 g/cm <sup>3</sup> )
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	11.0 MPa (1600 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	207 MPa (30,000 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.

### 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

Melt temperatures of 300° F - 330° F are recommended for Westlake EC1550.

### 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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