



Application/Uses

- Coatings for paper / paperboard

Product Description

WESTLAKE low-density polyethylene EC811 is used for extrusion coating applications. It exhibits good adhesion, low coat weight, and fast heat seals.

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	20.0 g/10 min
Density	D 4883	916 kg/m ³ (0.916 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	9 MPa (1300 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	300%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	172 MPa (25,000 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 EC811.

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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