



Westlake Polymers

Enhancing your life every day

EC808

EC808AA = 808P, 808E, E6838-889P
or D4055-P

Application/Uses

- Foil
- Food packaging
- Laminating
- Playing cards
- Toys/sporting goods

Product Description

WESTLAKE low-density polyethylene EC808 is a general-purpose formulation used for injection molding, general-purpose extrusion coating and laminating. It can be drawn down to low coating weights, is processable at high speeds, has a good moisture barrier, and is heat-sealable at low temperatures.

Typical Physical Properties

Property ^a	Test ^b Method	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	7.0 g/10 min
Density	D 4883	917 kg/m ³ (0.917 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	10 MPa (1500 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	400%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	207 MPa (30,000 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 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 EC808.

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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