



Westlake Polymers

Enhancing your life every day

EC812
EC812AA = 812P

Application/Uses

- Flexible medical
- Medical

Product Description

WESTLAKE low-density polyethylene EC812 is a natural low-density material with a 200 melt index. Its high melt index exhibits excellent wettability. This makes it ideal as a backing to carpet to bind the fibers to the carpet.

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	200.0 g/10 min
Density	D 4883	909 kg/m ³ (0.909 g/cm ³)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	6.2 MPa (900 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	100%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	103 MPa (15,000 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 EC812.

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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