



## Application/Uses

- Flexible medical
- Lids
- Medical

## Product Description

WESTLAKE low-density polyethylene EM1870 is used for injection molding applications. It has excellent stress crack resistance for lids.

## 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	7.4 g/10 min
Density	D 4883	920 kg/m <sup>3</sup> (0.920 g/cm <sup>3</sup> )
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV	9.7 MPa (1400 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV	400%

<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 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 EM1870.

## 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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