



# Westlake Polymers

Enhancing your life every day

# EM1870

EM1870AA = 1870A

## 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 Method<sup>b</sup></u>	<u>Typical Value, Units<sup>c</sup></u>
Melt Index	D 1238	7.4g/10 min
Density	D 4883	921 kg/m <sup>3</sup> (0.921 g/cm <sup>3</sup> )
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	9.7 MPa (1400 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	400%

<sup>a</sup> Unless noted otherwise, all test 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:

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

### FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

### NOTICE

The data listed represents typical values as measured by Westlake. They are given for information only, and not guarantee of their accuracy is made. The product is sold upon condition that purchasers shall make their own tests to determine the characteristics of the product and the suitability of the product for their particular purpose.

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