

Applications

- Cosmetics/personal care packaging
- Furniture/furniture trim
- Medical
- Toys/sporting goods

Product Description

EM800 is a general purpose LDPE resin used for injection molding applications that require good stress-crack resistance.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index	D 1238	1.7 g/10 min
Density	D 4883	918 kg/m ³ (0.918 g/cm ³)
Peak Melting Point by DSC	D 3418	106°C (223°F)
Ultimate Tensile 500 mm/min (20 in/min)	D 638 Type IV Specimen	1,800 psi
Elongation 500 mm/min (20 in/min)	D 638 Type IV Specimen	500%
Flexural Modulus 1% Secant	D 790	29,000 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 D 1928.

Processing

Melt temperatures of 300°F – 340°F are recommended for Westlake Chemical EM800.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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