



Application/Uses

- Food packaging
- Medical

Product Description

WESTLAKE polyethylene 808A is a general-purpose low-density formulation used for injection molding and general-purpose extrusion.

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	7 g/10 min
Density	D 4883	917 kg/m ³ (0.917 g/cm ³)
Vicat Softening Temperature	D 1525	88°C (190°F)
Brittleness Temperature	D 746	<-73°C (<-99°F)
Tensile Stress @ Yield 500 mm/min (20 in./min)	D 638 Type IV Specimen	10 MPa (1500 psi)
Tensile Stress @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	10 MPa (1500 psi)
Elongation @ Break 500 mm/min (20 in./min)	D 638 Type IV Specimen	400%
Flexural Modulus (2% Secant) 12.7 mm/min (0.5 in./min)	D 790	207 MPa (30000 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.

Applications

WESTLAKE low density polyethylene 808A is a general-purpose formulation used for injection molding and general-purpose extrusion.

General

Where required, specimens are compression molded according to ASTM D1928.

Comments

Properties reported here are typical of average lots. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

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