

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

MATERIAL AND PROPERTY STANDARD FOR

PLASTIC LEACHING CHAMBERS

IAPMO PS 63-2005

1. PURPOSE

- 1.1 The purpose of this standard is to establish a generally acceptable standard for plastic leaching chambers. Its intent is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation; and, to provide for identifying plastic leaching chambers complying with this standard.
- 1.2 The provisions of this standard are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent of this standard.

2. SCOPE

- 2.1 This standard covers physical requirements and tests for types of material and other significant properties in addition to a general description of materials used. Certain features of construction and finish of the final product are also given, together with methods of marking and identification.

3. DEFINITIONS

- 3.1 **Plastic Leaching Chamber.** A plastic leaching chamber is a manufactured unit designed to store and infiltrate wastewater into the soil. Chamber technology may be provided for the treatment and disposal of septic wastewaters or stormwater. Plastic leaching chambers are designed as an alternate to the standard pipe and gravel leach field system.
- 3.2 **Normal Duty H-10 Unit.** A normal duty H-10 unit is a plastic, arch shaped, open-bottomed chamber with side wall openings or an open-bottomed box with one interior plates. "H-10" refers to the 1983, 13th edition of the American Association of State Highway and Traffic Officials (AASHTO) Standard Specifications for Highway Bridges