

## SECTION 736—GEOMEMBRANE

**736.1 GENERAL**—From a manufacturer listed in [Bulletin 15](#) and conforming to the following requirements:

**(a) Geomembrane.** Fabricated from high-density polyethylene (HDPE).

**(b) Physical Requirements.**

- Density 0.940 g/m<sup>3</sup> (59 pounds per cubic foot) minimum, [ASTM D 1505](#)
- UV stabilization 2% carbon black, [ASTM D 1603](#)
- Sheet thickness 0.75 millimeters (30 mils) minimum, [ASTM D 5199](#)
- Tear resistance 97.86 N (22 pounds) [ASTM D 1004](#)
- Resistance soil burial 90% retained strength [ASTM D 3083](#)
- Minimum roll width 6.09 meters (20 feet) minimum

**(c) Acceptance.** Acceptance of the geomembrane will be based on certified test data submitted by the manufacturer and on testing by MTD.

**(d) Certification.** Certify each shipment as specified in [Section 106.03\(b\)3](#). Visibly label all shipments on the geomembrane or its container with the manufacturer's name, geomembrane type, model or trade name, lot number, and material quantity.