



**Summary of Substantive Changes
between the 2014^{e1} and the 2016 editions of
ASTM D2513, “Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings”**

Presented to the IAPMO Standards Review Committee on March 13, 2017

General: The change to this standard should not have an impact on currently listed products. The significant change is:

- Clarified that Code C pipe shall be considered stabilized against deterioration unprotected for 10 years (see Section 4.10)

Section 4, Materials: Clarified that Code C pipe shall be considered stabilized against deterioration unprotected for 10 years as follows:

4.10 UV Resistance—PE materials shall be Code C or E as defined in Specification D3350. Code C material shall contain 2 to 3 percent well dispersed carbon black, and due to the absorptive properties of the carbon black, is considered to be stabilized against deterioration from unprotected exposure to UV for not less than 10 years. Code E material shall be stabilized and protected against deterioration from unprotected UV exposure for not less than 3 years.

4.10.1 PE compounds designated as Code C containing 2 to 3% carbon black shall be considered stabilized against deterioration for not less than 10 years without the need for additional testing. [Black PE pipe coextruded with yellow stripe\(s\) shall be considered stabilized against deterioration from unprotected exposure to UV for not less than 10 years.](#)

[NOTE 6—Consult with pipe manufacturer on UV Resistance of black pipes with yellow stripe\(s\) for conformance to the performance requirements of code “C” material.](#)