



Designation: D 1042 – 01a

An American National Standard

Standard Test Method for Linear Dimensional Changes of Plastics Under Accelerated Service Conditions¹

This standard is issued under the fixed designation D 1042; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

1.1 This test method is designed to provide a means for measuring in plastic specimens the dimensional changes resulting from exposure to service conditions. In particular, this test method is suitable for measuring shrinkage or elongation developed in accordance with the procedures described in Practice D 756.

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 under specific oven and water conditionings.

1.2 *This standard does not purport to address all of the safety problems, concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

NOTE 1—There is no similar or comparable ISO standard.

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee D20 on Plastics and is the direct responsibility of Subcommittee D20.50 on Permanence Properties.
Durability of Plastics.

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*A Summary of Changes section appears at the end of this standard.