



Designation: D 2495 – 87 (Reapproved 1993)^{€1}

Standard Test Method for Moisture in Cotton by Oven-Drying¹

This standard is issued under the fixed designation D 2495; 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 (€) indicates an editorial change since the last revision or reapproval.

€¹ NOTE—Editorial changes were made throughout March 1993.

1. Scope

1.1 This test method covers the determination of the amount of moisture in cotton by oven-drying and is applicable to raw cotton, cotton stock in process, and cotton waste.

1.2 This test method may also, by agreement, be used for determining moisture in blends of cotton with other fibers.

1.3 This test method offers alternative procedures for weighing the dried specimens, one procedure using an oven balance (12.3) and the other using a desiccator (12.4).

NOTE 1—For other methods of determination of moisture in textile materials refer to Test Method D 2654, which includes two options based on drying in an oven, and one option based on distillation with an immiscible solvent: Methods D 885, Test Method D 1576, Test Method D 2462.

1.4 The values stated in SI units are to be regarded as the standard.

1.5 *This standard does not purport to address all of the safety problems, 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.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee D-13 on Textiles, and is the direct responsibility of Subcommittee D13.11 on Cotton Fibers. Current edition approved July 31, 1987. Published September 1987. Originally published as D 2945–61 T. Last previous edition D 2945–75 (1980).