



Designation: D 1490 – 96^{€1}

Standard Test Method for Nonvolatile Content of Urea-Formaldehyde Resin Solutions¹

This standard is issued under the fixed designation D 1490; 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 — Paragraph 3.1.1 was corrected editorially in March 1997.

1. Scope*

1.1 This test method covers the determination of the apparent nonvolatile content of urea-formaldehyde resin solutions intended for use as wood adhesives. Due to the chemical nature of such resins, the nonvolatile content determined varies markedly according to the type of test used. In order to minimize this condition, this test method is designed to yield reasonably uniform agreement among different laboratories testing specimens from the same sample.

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

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee D-14 on Adhesives and is the direct responsibility of Subcommittee D14.30 on Wood Adhesives. Current edition approved ~~Sept. 10, 1996~~ Oct. 10, 2001. Published ~~November 1996~~ December 2001. Originally published as D 1490 – 57 T. Last previous edition D 1490 – 93^{€1}.

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