



Designation: D 3056 – 9600

An American National Standard

Standard Test Method for Gel Time of Solventless Varnishes¹

This standard is issued under the fixed designation D 3056; 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.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This test method covers the determination of the gel time of a solventless varnish mixed with a catalyst and exposed to elevated temperature.

1.2 *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.* For a specific precaution statement, see Section 5, 6.

NOTE 1—Although this standard and IEC 60455-2 (1998-12) “Resin Based Reactive Compounds Used for Electrical Insulation-Part 2: Methods of Test” differ in approach or detail, data obtained using either are technically equivalent.

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee D-9 D09 on Electrical and Electronic Insulating Materials and is the direct responsibility of Subcommittee D09.01 on Electrical Insulating Varnishes, Powders, and Encapsulating Compounds.

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