



Designation: D 3377 – 9600

An American National Standard

Standard Test Method for Weight Loss of Solventless Varnishes¹

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1. Scope

1.1 This test method covers the determination of the percent weight loss of cured solventless electrical varnishes when exposed to elevated temperatures for prescribed periods of time.

1.2 Results of this test method are based on ~~6.4 mm~~ 6 mm (1/4-in.) thick specimens and may not be applicable to specimens appreciably thinner or thicker than ~~6.4~~ 6 mm.

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

1.4 *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.*

NOTE 1—This standard resembles IEC 60216-2 (1990-06) “Guide for the determination of thermal endurance properties of electrical insulating materials. Part 2: Choice of test criteria” in a number of ways, but is not consistently similar throughout. The data obtained using either standard may be technically equivalent.

2. Referenced Documents

2.1 ASTM Standards:

D 1711 Terminology Relating to Electrical Insulation²

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

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