



Designation: D 2859 – 024

An American National Standard

Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials¹

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1. Scope

1.1 This fire-test-response standard describes a test method for the determination of the flammability of finished textile floor covering materials when exposed to an ignition source under controlled laboratory conditions.

1.2 This test method is applicable to all types of textile floor coverings, regardless of the method of fabrication or whether they are made from natural or man-made fibers. It is possible to apply this test method to unfinished material; however, the results of such a test shall not be considered a satisfactory evaluation of a textile floor covering material for ultimate consumer use.

1.3 The values stated in ~~inch-pound~~ SI units are to be regarded as the standard. The values given in ~~parentheses~~ brackets are for information only.

1.4 *This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire hazard or fire risk assessment of the materials, products, or assemblies under actual fire conditions. Note 1—For other standards on flammability of textiles, refer to: Test Methods D 1230 and D 3411. For methods of measuring other properties of floor coverings and components thereof, refer to: Test Methods D 418, D 1116, D 1335, D 2401, and D 2406.*

1.5 Fire testing of products and materials is inherently hazardous, and adequate safeguards for personnel and property shall be employed in conducting these tests

1.6 The text of this standard references notes and footnotes which provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the standard.

1.7 *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.*

¹ This test method is under the jurisdiction of ASTM Committee E05 on Fire Standards and is direct responsibility of Subcommittee E05.22 on Surface Burning. Current edition approved ~~Sept. 10, 2002~~; February 1, 2004. Published ~~November 2002~~; March 2004. Originally published as D 2859 – 70 T; approved in 1970. Last previous edition approved in 2002 as D 2859 – 022.