



Designation: E 162 – 02a

An American National Standard

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source¹

This standard is issued under the fixed designation E 162; 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 fire-test-response standard, to be used for research and development purposes, covers~~ standard describes the measurement of surface flammability of materials. It is not intended for use as a basis of ratings for building code purposes.

~~1.2 This standard should be used~~ purposes (see Appendix X1).

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

1.3 ~~This standard measures and describes the response of materials, products, or assemblies to heat and flame under controlled conditions and should conditions, but does not be used to describe by itself incorporate all factors required for fire hazard or appraise the fire hazard or fire risk fire risk assessment of the materials, products, or assemblies under actual fire conditions. However, results of the test may be used as elements of a fire hazard assessment or a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard or fire risk of a particular end use.~~

~~1.3 conditions.~~

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.~~

~~1.4 The values stated in inch-pound units are to~~

1.5 ~~Fire testing of products and materials is inherently hazardous, and adequate safeguards for personnel and property shall be regarded as the standard. The values employed in parentheses are for conducting these tests. This test method may involve hazardous materials, operations, and equipment. Specific information about hazard is given in Section 7.~~

NOTE 1—There is no similar or equivalent ISO standard.

2. Referenced Documents

2.1 *ASTM Standards:*

D 3675 Test Method for Surface Flammability of Flexible Cellular Materials Using a Radiant Heat Energy Source²

¹ This test method is under the jurisdiction of ASTM Committee E05 on Fire Standards and is the direct responsibility of Subcommittee E05.22 on Surface Burning. Current edition approved Jan. April 10, 2002. Published April July 2002. Originally published as E 162 – 60 T. Last previous edition E 162 – 98^{ε1}. E 162 – 02.