



BSI Standards Publication

Fire hazard testing

Part 2-12: Glowing/hot-wire based test methods — Glow-wire flammability index (GWFI) test method for materials

National foreword

This British Standard is the UK implementation of EN IEC 60695-2-12:2021. It is identical to IEC 60695-2-12:2021. It supersedes BS EN 60695-2-12:2010+A1:2014, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/89, Fire hazard testing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Fire hazard testing - Part 2-12: Glowing/hot-wire based test
methods - Glow-wire flammability index (GWFI) test method for
materials
(IEC 60695-2-12:2021)

Essais relatifs aux risques du feu - Partie 2-12: Essais au fil
incandescent/chauffant - Méthode d'essai d'indice
d'inflammabilité au fil incandescent (GWFI) pour matériaux
(IEC 60695-2-12:2021)

Prüfungen zur Beurteilung der Brandgefahr - Teil 2-12:
Prüfverfahren mit dem Glühdraht - Prüfung mit dem
Glühdraht zur Entflammbarkeit (GWFI) von Werkstoffen
(IEC 60695-2-12:2021)

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 89/1537/FDIS, future edition 3 of IEC 60695-2-12, prepared by IEC/TC 89 “Fire hazard testing” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60695-2-12:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-08-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-11-12

This document supersedes EN 60695-2-12:2010 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 60695-2-12:2021 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60695-1-10 NOTE Harmonized as EN 60695-1-10

IEC 60695-1-11 NOTE Harmonized as EN 60695-1-11

IEC 60695-2-11 NOTE Harmonized as EN 60695-2-11

IEC 60695-1-30 NOTE Harmonized as EN 60695-1-30

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-2-10	-	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN 60695-2-10	-
IEC 60695-2-13	-	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials	EN IEC 60695-2-13 -	
IEC 60695-4	2021	Fire hazard testing - Part 4: Terminology concerning fire tests for electrotechnical products	EN IEC 60695-4	2021
ISO 291	2008	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	2008
ISO 293	-	Plastics - Compression moulding of test specimens of thermoplastic materials	EN ISO 293	-
ISO 294	series	Plastics - Injection moulding of test specimens of thermoplastic materials	EN ISO 294	series
ISO 295	-	Plastics - Compression moulding of test specimens of thermosetting materials	EN ISO 295	-
ISO 13943	2017	Fire safety - Vocabulary	EN ISO 13943	2017

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