
Preskusi na električnih kabljih in kabljih iz optičnih vlaken v požarnih razmerah - 1-2. del: Preskus navpičnega širjenja ognja po posamezni izolirani žici ali kablu - Postopek za predmešani plamen 1 kW - Dopolnilo A12

Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame

Prüfungen an Kabeln, isolierten Leitungen und Glasfaserkabeln im Brandfall - Teil 1-2: Prüfung der vertikalen Flammenausbreitung an einer Ader, einer isolierten Leitung oder einem Kabel - Prüfverfahren mit 1 kW-Flamme mit Gas-/Luft-Gemisch

Essais des câbles électriques et à fibres optiques soumis au feu - Partie 1-2: Essai de propagation verticale de la flamme sur conducteur ou câble isolé - Procédure pour flamme à prémélange de 1kW

Ta slovenski standard je istoveten z: EN 60332-1-2:2004/A12:2020

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
29.060.20	Kabli	Cables
33.180.10	(Optična) vlakna in kabli	Fibres and cables

SIST EN 60332-1-2:2005/A12:2021 **en,fr**

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[SIST EN 60332-1-2:2005/A12:2021](https://standards.iteh.ai/catalog/standards/sist/72bf6ee4-81ac-498f-a6fd-600ab69c0116/sist-en-60332-1-2-2005-a12-2021)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60332-1-2:2004/A12

December 2020

ICS 13.220.40; 29.020; 29.060.20

English Version

**Tests on electric and optical fibre cables under fire conditions -
Part 1-2: Test for vertical flame propagation for a single insulated
wire or cable - Procedure for 1 kW pre-mixed flame**

Essais des câbles électriques et à fibres optiques soumis
au feu - Partie 1-2: Essai de propagation verticale de la
flamme sur conducteur ou câble isolé - Procédure pour
flamme à prémélange de 1kW

Prüfungen an Kabeln, isolierten Leitungen und
Glasfaserkabeln im Brandfall - Teil 1-2: Prüfung der
vertikalen Flammenausbreitung an einer Ader, einer
isolierten Leitung oder einem Kabel - Prüfverfahren mit 1
kW-Flamme mit Gas-/Luft-Gemisch

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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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

EN 60332-1-2:2004/A12:2020 (E)**European foreword**

This document (EN 60332-1-2:2004/A12:2020) has been prepared by CLC/TC 20 “*Electric cables*”.

The following dates are fixed:

- latest date by which this document has (dop) 2021-11-05
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2023-11-05
standards conflicting with this document
have to be withdrawn

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1 Modification to 5.3, “Positioning of test piece”

Add the following after the second paragraph of 5.3:

“The test is only valid, if the test piece stays in the test flame during the whole test.

If the test piece moves out of the flame, for example because it breaks at the flame impact point, the following mounting can be applied.

The test piece shall be kept in the test flame by applying 1 mm diameter metal wire loops around the test piece, approximately 50 mm below as well as 50 mm and 150 mm above the position of impingement of the blue cone, attached to the side walls of the metallic enclosure or to a vertical rod or rail located in the back in the metallic enclosure. At the beginning of the test these additional metal wire loops shall not touch the test piece. See Figure 2.

The inner diameter of the wire loops shall exceed the cable diameter by at least 4,0 mm.”

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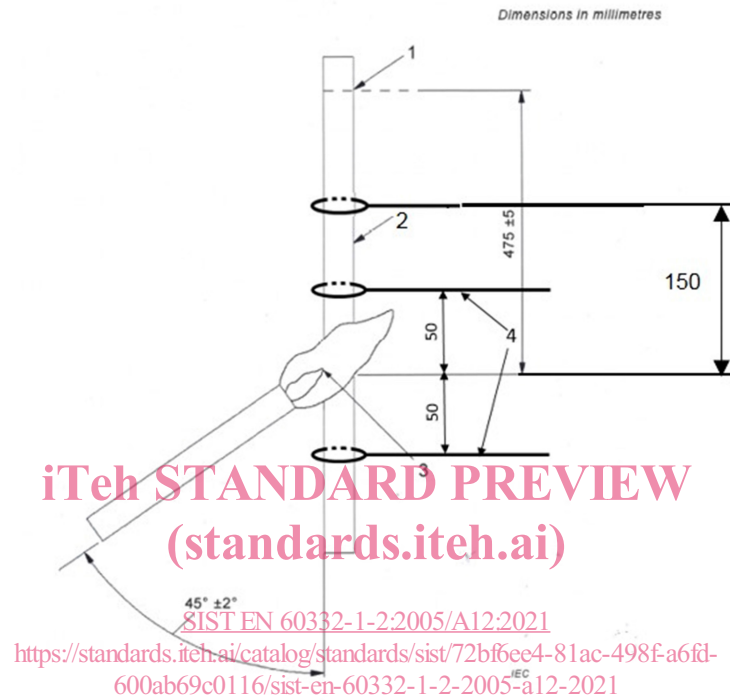
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EN 60332-1-2:2004/A12:2020 (E)

2 Modification to Figure 2 “Application of flame to test piece”

Replace Figure 2 with the following:

“

**Key**

- 1 lower edge of top support
- 2 test piece
- 3 position of impingement of blue cone
- 4 optional metal wire loop for securing the position of the test piece in the test flame in case the test piece moves out of the flame, for example by breaking

Figure 2 — Application of test flame to test piece

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