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**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 AB**

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/prAB**

**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/oprAB:2020 en,fr,de**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

Full standard:  
<https://standards.iteh.ai/catalog/standards/sist/72bf6ee4-81ac-498f-a6fd-600ab69e0116/sist-en-60332-1-2-2005-oprab-2020>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 60332-1-2:2004**

**prAB**

July 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

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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

This draft amendment prAB, if approved, will modify the European Standard EN 60332-1-2:2004; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2020-09-25.

It has been drawn up by CLC/TC 20.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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/prAB:2020 (E)****European foreword**

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

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

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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.”

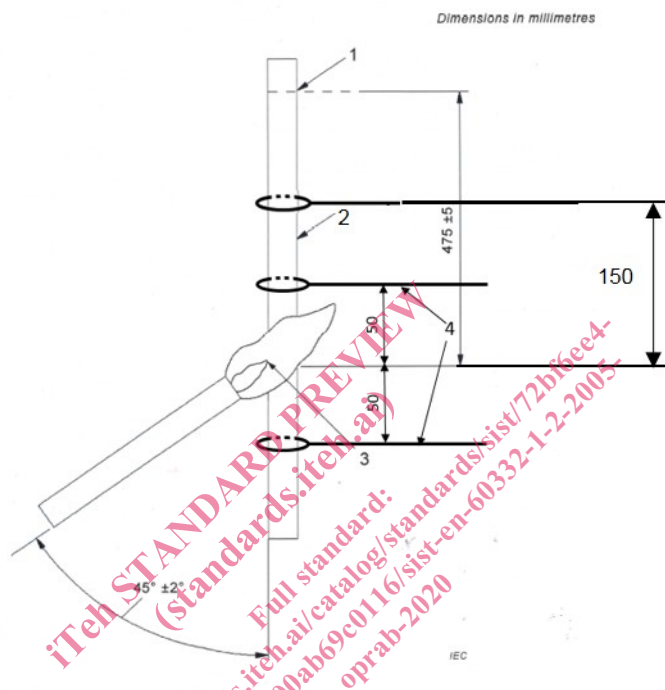
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EN 60332-1-2:2004/prAB:2020 (E)

## 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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