

**Kaablite ühtsed tulekatsetusmeetodid.
Määratletud tingimustes põlevate
kaablite suitsutiheduse mõõtmine. Osa
2: Protseduur**

Common test methods for cables under fire
conditions - Measurement of smoke density of
cables burning under defined conditions - Part 2:
Procedure

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50268-2:2001 sisaldab Euroopa standardi EN 50268-2:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.06.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50268-2:2001 consists of the English text of the European standard EN 50268-2:1999.</p> <p>This document is endorsed on 19.06.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: EN 50268 Specifies a method of test for measurement of smoke density of cables burning under defined conditions. It is suitable for electric insulated conductor or cable, or optical cables. This Part 2 details the procedures. NOTE: Experience has shown that the test protocol is not suitable for some cables that exceed 70 mm overall diameter. In such cases the manufacturer should be consulted.</p>	<p>Scope: EN 50268 Specifies a method of test for measurement of smoke density of cables burning under defined conditions. It is suitable for electric insulated conductor or cable, or optical cables. This Part 2 details the procedures. NOTE: Experience has shown that the test protocol is not suitable for some cables that exceed 70 mm overall diameter. In such cases the manufacturer should be consulted.</p>
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ICS 13.220.40, 29.060.20

Võtmesõnad:

English version

**Common test methods for cables under fire conditions - Measurement of
smoke density of cables burning under defined conditions
Part 2: Procedure**

Méthodes d'essai communes aux
câbles soumis au feu
Mesure de la densité de fumées
dégagées par des câbles brûlant
dans des conditions définies
Partie 2: Procédure

Allgemeine Prüfverfahren für das
Verhalten von Kabeln und isolierten
Leitungen im Brandfall - Messung der
Rauchdichte von Kabeln und isolierten
Leitungen beim Brennen unter
definierten Bedingungen
Teil 2: Prüfverfahren

This European Standard was approved by CENELEC on 1999-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

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 Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC20 'Electric Cables', and agreed at its Dublin meeting (April 1997).

The text of the draft was submitted to the Unique Acceptance Procedure and approved by CENELEC as EN 50268-1 on 1999-04-01.

This European Standard supersedes HD 606.2 S1:1992

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2000-04-01
- latest date by which national standards conflicting with the EN have to be withdrawn (dow) 2001-04-01

Annexes designated 'informative' are given for information only. In this standard annexes A and B are informative.

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1 Scope

EN 50268 specifies a method of test for measurement of smoke density of cables burning under defined conditions. It is suitable for electric insulated conductor or cable, or optical cables. Part 1 specifies the apparatus and Part 2 specifies procedure. This standard includes an Informative Annex of recommended requirements for compliance.

NOTE Experience has shown that the test protocol is not suitable for some cables that exceed 70 mm overall diameter. In such cases the manufacturer should be consulted.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 50268-1 : Common test methods for cables under fire conditions. Measurement of smoke density of cables burning under defined conditions. Part 1: Apparatus.

EN 60695-4 : Fire hazard testing - Part 4 : Terminology concerning fire tests

NOTE IEC 60695 is in the course of re-numbering its Parts and Sections. This will also affect the equivalent ENs.

3 Definitions

For the purposes of this Part 2 of EN 50268 the definitions in EN 60695-4 apply.

4 Test apparatus

The test procedure defined in this Part 2 of EN 50268 shall be carried out using the test apparatus, i.e. test enclosure, photometric system and standard fire source, given in EN 50268-1.

5 Test assembly

5.1 Cable test pieces

These shall consist of one or more samples of cable $1,00\text{ m} \pm 0,05\text{ m}$ long which shall be carefully straightened and then conditioned for at least 16 h at $23^\circ\text{C} \pm 5^\circ\text{C}$.