



**SLOVENSKI STANDARD**  
**SIST EN ISO 4589-2:2000/A1:2006**  
**01-julij-2006**

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Plastics - Determination of burning behaviour by oxygen index - Part 2: Ambient-temperature test (ISO 4589-2:1996/Amd 1:2005)

Kunststoffe - Bestimmung des Brennverhaltens durch den Sauerstoff-Index - Teil 2: Prüfung bei Umgebungstemperatur (ISO 4589-2:1996/Amd. 1:2005)

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Plastiques - Détermination du comportement au feu au moyen de l'indice d'oxygene -  
Partie 2: Essai a la température ambiante (ISO 4589-2:1996/Amd 1:2005)

[SIST EN ISO 4589-2:2000/A1:2006](https://standards.iteh.ai/catalog/standards/sist/12c6b02d-85f0-4f58-abc5-1c997766ad19/sist-en-iso-4589-2-2000-a1-2006)

Ta slovenski standard je istoveten z: **EN ISO 4589-2:1999/A1:2006**

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**ICS:**

13.220.40

83.080.01

**SIST EN ISO 4589-2:2000/A1:2006** en

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ICS 83.080.01; 13.220.40

English Version

Plastics - Determination of burning behaviour by oxygen index -  
Part 2: Ambient-temperature test (ISO 4589-2:1996/Amd  
1:2005)

Plastiques - Détermination du comportement au feu au  
moyen de l'indice d'oxygène - Partie 2: Essai à la  
température ambiante (ISO 4589-2:1996/Amd 1:2005)

Kunststoffe - Bestimmung des Brennverhaltens durch den  
Sauerstoff-Index - Teil 2: Prüfung bei  
Umgebungstemperatur (ISO 4589-2:1996/Amd. 1:2005)

This amendment A1 modifies the European Standard EN ISO 4589-2:1999; it was approved by CEN on 9 March 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 CEN member.

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

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Foreword

The text of ISO 4589-2:1996/Amd 1:2005 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 4589-2:1999/A1:2006 by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

### Endorsement notice

The text of ISO 4589-2:1996/Amd 1:2005 has been approved by CEN as EN ISO 4589-2:1999/A1:2006 without any modifications.

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**Plastics — Determination of burning  
behaviour by oxygen index —**

Part 2:

**Ambient-temperature test**

AMENDMENT 1

iTeh STANDARD PREVIEW

(standards.iteh.ai)  
*Plastiques — Détermination du comportement au feu au moyen de  
l'indice d'oxygène —*

*Partie 2: Essai à la température ambiante*

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AMENDEMENT 1  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

Amendment 1 to ISO 4589-2:1996 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 4, *Burning behaviour*.

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# Plastics — Determination of burning behaviour by oxygen index —

## Part 2: Ambient-temperature test

### AMENDMENT 1

#### *Page 1, Clause 1*

In Note 2, replace the reference to ISO 3582:1978 by ISO 3582:2000, *Flexible cellular polymeric materials — Laboratory assessment of horizontal burning characteristics of small specimens subjected to a small flame*.

#### *Page 2, Clause 2*

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Update the normative references as follows:

replace ISO 293:1986 by ISO 293:2004;

replace ISO 294:1995 by ISO 294 (all parts);

replace ISO 295:1991 by ISO 295:2004;

replace ISO 3167:1993 by ISO 3167:2002.

#### *Page 2, Subclause 5.1*

Replace the second paragraph by the following:

“The preferred dimensions of the chimney are 500 mm ± 50 mm minimum height and 75 mm to 100 mm inside diameter.”

#### *Page 3, Figure 1*

Correct the dimensions of the chimney (top left in figure) to “height 500 mm ± 50 mm, inside diameter 75 mm to 100 mm”.

#### *Page 5, Subclause 5.4*

In Note 5, item a), add “or equivalent” after “a paramagnetic oxygen analyser”.