



SLOVENSKI STANDARD

SIST EN 60707:2001

01-september-2001

Flammability of solid non-metallic materials when exposed to flame sources - List of test methods

Flammability of solid non-metallic materials when exposed to flame sources - List of test methods

Entflammbarkeit fester, nichtmetallischer Materialien bei Einwirkung von Zündquellen - Liste der Prüfverfahren

Inflammabilité des matériaux solides non métalliques soumis à des sources d'allumage à flamme - Liste des méthodes d'essai

ITeh STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/71816ec5-43cb-4a5b-9a42-59c3fe54c9e/sist-en-60707-2001>

Ta slovenski standard je istoveten z: **EN 60707:1999**

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
29.035.01	Izolacijski materiali na splošno	Insulating materials in general

SIST EN 60707:2001

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60707:2001

<https://standards.iteh.ai/catalog/standards/sist/71816ec5-43cb-4a5b-9a42-59c3f1e54c9e/sist-en-60707-2001>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60707

April 1999

ICS 13.220.40; 29.020

Supersedes HD 441 S1:1983

English version

Flammability of solid non-metallic materials when exposed to flame sources
List of test methods
(IEC 60707:1999)

Inflammabilité des matériaux solides non
métalliques soumis à des sources
d'allumage à flamme
Liste des méthodes d'essai
(CEI 60707:1999)

Entflammbarkeit fester,
nichtmetallischer Materialien bei
Einwirkung von Zündquellen
Liste der Prüfverfahren
(IEC 60707:1999)

ITeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60707:2001

<https://standards.iteh.ai/catalog/standards/sist/71816cc5-43cb-4a5b-9a42-59c3fle54c9e/sist-en-60707-2001>

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 89/320/FDIS, future edition 2 of IEC 60707, prepared by IEC TC 89, Fire hazard testing, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60707 on 1999-04-01.

This European Standard supersedes HD 441 S1:1983.

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) 2000-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2002-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60707:1999 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:

- SIST EN 60707:2001
- <https://standards.iteh.ai/catalog/standards/sist/71816ec5-43cb-4a5b-9a42-11d1-400000000000/iec-60695-1-1995-en-60707-2001>
- IEC 60695-1-1 NOTE: Harmonized as EN 60695-1-1:1995 (not modified).
- IEC 60695-4 NOTE: Harmonized as EN 60695-4:1995 (not modified).
-

Annex ZA (normative)

Normative references to international publications
with their corresponding European publications

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 (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-11-3	- ¹⁾	Fire hazard testing Part 11-3: Test flames - 500 W flames: Apparatus and confirmational test methods	-	-
IEC 60695-11-4	- ¹⁾	Part 11-4: Test flames - 50 W flames: Apparatus and confirmational test methods	-	-
IEC 60695-11-10	1999	Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	-	-
IEC 60695-11-20	1999	Part 11-20: Test flames - 500 W flame test methods https://standards.iteh.ai/catalog/standards/sist/71816cc5-43cb-4a5b-9a42-59c3fe54c9e/sist-en-60707-2001	-	-
IEC Guide 104	1997	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-
ISO 845	1988	Cellular plastics and rubbers - Determination of apparent (bulk) density	-	-
ISO 9772	1994	Cellular plastics - Determination of horizontal burning characteristics of small specimens subjected to a small flame	-	-
ISO 9773	1990	Plastics - Determination of burning behaviour of flexible vertical specimens in contact with a small-flame ignition source	-	-

1) To be published.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60707:2001

<https://standards.iteh.ai/catalog/standards/sist/71816ec5-43cb-4a5b-9a42-59c3f1e54c9e/sist-en-60707-2001>

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60707

Deuxième édition
Second edition
1999-03

**PUBLICATION FONDAMENTALE DE SÉCURITÉ
BASIC SAFETY PUBLICATION**

**Inflammabilité des matériaux
solides non métalliques soumis à
des sources d'allumage à flamme –
Liste des méthodes d'essai**

iTeh STANDARD PREVIEW

**Flammability of solid non-metallic
materials when exposed to flame sources –
List of test methods**

<https://standards.iteh.ai/catalog/standards/sist/71816cc5-43cb-4a5b-9a42-59c3fle54c9e/sist-en-60707-2001>

© IEC 1999 Droits de reproduction réservés — Copyright - all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photo-copie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembé Geneva, Switzerland
e-mail: inmail@iec.ch IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

H

Pour prix, voir catalogue en vigueur
For price, see current catalogue

CONTENTS

	Page
FOREWORD	5
INTRODUCTION	7
Clause	
1 Scope	9
2 Normative references	9
3 Definitions, symbols and abbreviations	11
4 Test methods	11
5 Requirements and classification	13
Table 1 – Flammability classifications	13
Bibliography	15

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60707:2001

<https://standards.iteh.ai/catalog/standards/sist/71816ec5-43cb-4a5b-9a42-59c3fle54c9e/sist-en-60707-2001>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FLAMMABILITY OF SOLID NON-METALLIC MATERIALS
WHEN EXPOSED TO FLAME SOURCES –
LIST OF TEST METHODS**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60707 has been prepared by IEC technical committee 89: Fire hazard testing.

This second edition cancels and replaces the first edition published in 1981 and amendment 1 (1992). This second edition constitutes a technical revision.

This standard has the status of a basic safety publication in accordance with IEC Guide 104.

The text of this standard is based on the following documents:

FDIS	Report on voting
89/320/FDIS	89/333/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.