



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60707:1999**

ICS 13.220.40  
29.020

**FLAMMABILITY OF SOLID NON-METALLIC  
MATERIALS WHEN EXPOSED TO FLAME  
SOURCES LIST OF TEST METHODS (IEC  
60707:1999)**

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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)

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.

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### 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:

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).

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**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	<sup>-1)</sup>	Fire hazard testing Part 11-3: Test flames - 500 W flames: Apparatus and confirmational test methods	-	-
IEC 60695-11-4	<sup>-1)</sup>	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	-	-
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	-	-

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1) To be published.



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