

Plastics — Fire tests — Standard ignition sources

The European Standard EN ISO 10093:1998 has the status of a
British Standard

ICS 13.220.40; 83.080.01

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National foreword

This British Standard is the English language version of EN ISO 10093:1998. It is identical with ISO 10093:1998. It supersedes BS ISO 10093:1994 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/26, Burning behaviour of plastics and rubbers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 21 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the Sector Committee for Materials and Chemicals, was published under the authority of the Standards Committee and comes into effect on 15 February 1999

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English version

Plastics — Fire tests — Standard ignition sources

(ISO 10093:1998)

Plastiques — Essais au feu — Catégories de
sources d'allumage (ISO 10093:1998)

Kunststoffe — Brandprüfungen —
Standard-Zündquellen (ISO 10093:1998)

This European Standard was approved by CEN on 1 November 1998.

CEN 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 CEN 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 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

The text of the International Standard ISO 10093:1998 has been prepared by Technical Committee ISO/TC 61 "*Plastics*" in collaboration with 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 May 1999, and conflicting national standards shall be withdrawn at the latest by May 1999.

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

Endorsement notice

The text of the International Standard ISO 10093:1998 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

**ISO
10093**

Second edition
1998-11-15

Plastics — Fire tests — Standard ignition sources

Plastiques — Essais au feu — Sources d'allumage normalisées



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Descriptors: Plastics, tests, fire tests, test equipment, ignition, ignition sources (fire).

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.

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.

International Standard ISO 10093 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 4, *Burning behaviour*.

This second edition cancels and replaces the first edition (ISO 10093:1994), which has been technically revised.

This edition differs from the 1994 edition in that all methods that had not been standardized internationally were eliminated. The sources which were eliminated were S/DF4, which was based on the ASTM E 84 burner, and the sources S/C1, S/C2 and S/C3, which were small cribs used in British Standard tests. Two extra burners, S/DF5 and S/DF6, have been introduced in this revision. These are based on the IEC 60332-3:1992 and the ISO 9705:1993 ignition sources. Sources P/PF2 and P/PF3 in the 1994 edition have been integrated into a single source, P/PF2, with two definitions of fuel supply for the same burner.

Annex A and Annex B of this International Standard are for information only.

