

Plastics — Determination of multi-axial impact behaviour of rigid plastics —

Part 2: Instrumented puncture test

The European Standard EN ISO 6603-2:1996 has the status of a British Standard

IMPORTANT NOTE: Before reading this method it is essential to read BS 2782-0 *Introduction* issued separately

ICS 83.080.01

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Standards Policy Committee (PRM/-) to Technical Committee PRM/21, upon which the following bodies were represented:

- British Plastics Federation
- British Steel Industry
- British Telecommunications plc
- British Textile Confederation
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (National Physical Laboratory)
- EFA (The Association of Electronics, Telecommunications and Business Equipment Industries)
- Electrical and Electronic Insulation Association (BEAMA Ltd.)
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
- Ministry of Defence
- Packaging and Industrial Films Association
- Plastic Industrial Containers Association
- Plastics and Rubber Institute
- PIRA International
- RAPRA Technology Ltd.
- Yarsley Technical Centre Ltd.

The following body was also represented in the drafting of the standard, through subcommittees and panels:

Malaysian Rubber Producers' Research Association

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 August 1991

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Plastics and Rubber Standards Policy Committee and is the English language version of EN ISO 6603-2:1996 *Plastics — Determination of multi-axial impact behaviour of rigid plastics — Part 2: Instrumented puncture test*, published by the European Committee for Standardization (CEN). It is identical with ISO 6603-2:1989 published by the the International Organization for Standardization (ISO).

Cross-references

International standard	Corresponding British Standard
	BS 2782 <i>Methods of testing plastics</i>
ISO 291:1977	Part 0:1982 <i>Introduction</i> (Appendix A is identical)
ISO 293:1986	Method 901A:1988 <i>Compression moulding test specimens of thermoplastic materials</i> (Identical)
ISO 294:1975	Method 910A:1977 <i>Injection moulding test specimens of thermoplastic materials</i> (Identical)
ISO 2557-2:1986	Method 940B:1989 <i>Preparation of test specimens of amorphous thermoplastics with a specified reversion by injection moulding rectangular plates</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 6603-1:1985 to which reference is made in the text and has decided that they are acceptable for use in conjunction with this standard. ISO 7765-2, to which reference is also made, remains in preparation.

WARNING NOTE. This British Standard, which is identical with ISO 6603-2:1989, does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the method should be operated only by trained personnel.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, pages 2 to 12, an inside back cover 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.

ICS 83.080

Descriptors: Plastics, rigid plastics, tests, impact tests, test equipment.

English version

Plastics — Determination of multi-axial impact behaviour of rigid plastics — Part 2: Instrumented puncture test

(ISO 6603-2:1989)

Plastiques — Détermination du comportement
des plastiques rigides sous un choc
multiaxial —
Partie 2: Essai par perforation instrumentée
(ISO 6603-2:1989)

Kunststoffe — Bestimmung des mehrachsigen
Stoßverhaltens von festen Kunststoffen —
Teil 2: Instrumentierter Durchstoßversuch
(ISO 6603-2:1989)

This European Standard was approved by CEN on 1994-12-14. 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.

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

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Foreword

The text of the International Standard from Technical Committee ISO/TC 61, Plastics, of the International Organization for Standardization (ISO) has been taken over as a European Standard 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 June 1997, and conflicting national standards shall be withdrawn at the latest by June 1997.

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