

# Plastics —

## Determination of temperature of deflection under load —

### Part 2: Plastics and ebonite

The European Standard EN ISO 75-2:1996 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

# Committees responsible for this British Standard

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

- Association of Consulting Scientists
- British Plastics Federation
- British Textile Confederation
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (National Physical Laboratory)
- Electrical and Electronic Insulation Association (BEAMA Ltd.)
- GAMBICA (BEAMA Ltd.)
- Institute of Materials
- Ministry of Defence
- Packaging and Industrial Films Association
- Pira International
- RAPRA Technology 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 Plastics and Rubber Standard Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 January 1994

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The following BSI references relate to the work on this standard:  
Committee reference PRM/21  
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## Amendments issued since publication

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# National foreword

This British Standard has been prepared by Technical Committee PRI/21 and is the English language version of EN ISO 75-2:1996 *Plastics — Determination of temperature of deflection under load — Part 2: Plastics and ebonite* published by the European Committee for Standardization (CEN). It is identical with ISO 75-2:1993 published by the International Organization for Standardization (ISO).

The methods supersede BS 2782:Method 121A and Method 121B:1991, which is withdrawn. Method A, Method B and Method C in the text of the international standard are equivalent to Method 121A, Method 121B and Method 121C in BS 2782:1994.

### Cross-references

| International standard     | Corresponding British Standard                                                                                                                                                                                                |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | BS 2782 <i>Methods of testing plastics</i>                                                                                                                                                                                    |
| ISO 75-1:1993              | Part 1. <i>Thermal properties</i><br>Method 121:1994 <i>General test method for determination of temperature of deflection under load of plastics</i><br>(Identical)<br>Part 9. <i>Sampling and test specimen preparation</i> |
| ISO 293:1986               | Method 901A:1988 <i>Compression moulding test specimens of thermoplastic materials</i><br>(Identical)                                                                                                                         |
| ISO 294:1975               | Method 910A:1977 <i>Injection moulding test specimens of thermoplastic materials</i><br>(Identical)                                                                                                                           |
| ISO 2818:1974 <sup>a</sup> | Method 930A:1977 <i>Preparation of test specimens by machining</i><br>(Identical)                                                                                                                                             |
| ISO 3167:1993              | Method 931A:1993 <i>Preparation and use of multipurpose test specimens</i><br>(Identical)                                                                                                                                     |

<sup>a</sup> ISO 2818:1974 has been superseded by ISO 2818:1980, which was not adopted as a British Standard. It is envisaged that a third edition of ISO 2818 which is in preparation will be dual-numbered as a British Standard.

**WARNING.** This British Standard, which is identical with ISO 75-2:1993, 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.

**NOTE** In the title to Table 1, line 3, a typographical error occurs as follows: “postion” should be read as “position”.

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 6, 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.