

# Plastics film and sheeting — Determination of impact resistance by the free-falling dart method —

## Part 1: Staircase methods

The European Standard EN ISO 7765-1:2004 has the status of a British Standard

ICS 83.140.10

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/75, Plastics and rubber films and sheets, upon which the following bodies were represented:

- British Plastics Federation
- Her Majesty’s Stationery Office
- Institute of Trading Standards Administration
- Ministry of Defence
- Packaging and Industrial Films Association
- PIRA International

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 September 1996

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The following BSI references relate to the work on this standard:  
Committee reference PRI/75  
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## Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, pages i and ii, pages 1 to 7, a blank page, an inside back cover and a back cover.

## Amendments issued since publication

| Amd. No. | Date              | Comments                                          |
|----------|-------------------|---------------------------------------------------|
| 15287    | 13 September 2004 | Renumbers BS 2782-3:1996 as BS EN ISO 7765-1:2004 |
|          |                   |                                                   |
|          |                   |                                                   |
|          |                   |                                                   |

English version

Plastics film and sheeting - Determination of impact resistance  
by the free-falling dart method - Part 1: Staircase methods (ISO  
7765-1:1988)

Film et feuille de plastiques - Détermination de la  
résistance au choc par la méthode par chute libre de  
projectile - Partie 1: Méthodes dites de "l'escalier" (ISO  
7765-1:1988)

This European Standard was approved by CEN on 21 June 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## Foreword

The text of ISO 7765-1:1988 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 7765-1:2004 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 January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

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

## Endorsement notice

The text of ISO 7765-1:1988 has been approved by CEN as EN ISO 7765-1:2004 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

# National foreword

This British Standard has been prepared by Technical Committee PRI/75. It is identical with ISO 7765 : 1988 *Plastics film and sheeting — Determination of impact resistance by the free-falling dart method Part 1 : Staircase methods*, published by the International Organization for Standardization (ISO).

BS 2782 : Method 352E, together with BS 2782 : Method 352F, supersedes BS 2782 : Method 352D : 1979, which is withdrawn.

## Cross-references

| Publications referred to      | Corresponding British Standard                                                                               |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|
|                               | BS 2782 <i>Methods of testing plastics</i><br>Part 6 <i>Dimensional properties</i>                           |
| ISO 4591 : 1992 <sup>1)</sup> | Method 631A : 1993 <i>Determination of gravimetric thickness and yield of flexible sheet</i><br>(Identical)  |
| ISO 4593 : 1993 <sup>2)</sup> | Method 630A : 1994 <i>Determination of thickness by mechanical scanning of flexible sheet</i><br>(Identical) |

The Technical Committee has reviewed the provisions of ISO 291 : 1977 to which normative reference is made in the text, and has decided that it is acceptable for use in conjunction with this standard.

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

<sup>1)</sup> ISO 4591 : 1979 has been replaced by ISO 4591 : 1992 with which the cited British Standard is identical.  
<sup>2)</sup> ISO 4593 : 1979 has been replaced by ISO 4593 : 1993 with which the cited British Standard is identical.