



# SLOVENSKI STANDARD SIST EN ISO 7823-1:2001

01-junij-2001

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SIST EN ISO 7823-1:2000

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Plastics - Poly(methyl methacrylate) sheets - Types, dimensions and characteristics -  
Part 1: Cast sheets (ISO 7823-1:1998)

Kunststoffe - Tafeln aus Polymethylmethacrylat - Typen, Maße und Eigenschaften - Teil  
1: Gegossene Tafeln (ISO 7823-1: 1998)

Plastiques - Plaques en poly(méthacrylate de méthyle) - Types, dimensions et  
caractéristiques - Partie 1: Plaques coulées (ISO 7823-1:1998)

Ta slovenski standard je istoveten z: EN ISO 7823-1:2000

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**ICS:**

83.140.10      Filmi in folije      Films and sheets

**SIST EN ISO 7823-1:2001**      en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 7823-1

September 2000

ICS 83.140.10

Supersedes EN ISO 7823-1:1996

English version

Plastics - Poly(methyl methacrylate) sheets - Types, dimensions  
and characteristics - Part 1: Cast sheets (ISO 7823-1:1998)

Plastiques - Plaques en poly(méthacrylate de méthyle) -  
Types, dimensions et caractéristiques - Partie 1: Plaques  
coulées (ISO 7823-1:1998)

Kunststoffe - Tafeln aus Polymethylmethacrylat - Typen,  
Maße und Eigenschaften - Teil 1: Gegossene Tafeln (ISO  
7823-1: 1998)

This European Standard was approved by CEN on 8 September 2000.

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.

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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 from Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) has been taken over as an 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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

This European Standard supersedes EN ISO 7823-1:1996.

ISO 7823 consists of the following parts, under the general title "*Plastics - Poly(methyl methacrylate) sheets - Types, dimensions and characteristics*":

- Part 1 : *Cast sheets*
- Part 2 : *Melt-calendered extruded sheets*

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.

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### Endorsement notice

SIST EN ISO 7823-1:2001

The text of the International Standard ISO 7823-1:1998 has been approved by CEN as a European Standard without any modification.

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

**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 62	1999	Plastics – Determination of water absorption	EN ISO 62	1999
ISO 75-1	1993	Plastics – Determination of temperature of deflection under load – Part 1: General test method	EN ISO 75-1	1996
ISO 75-2	1993	Plastics – Determination of temperature of deflection under load – Part 2: Plastics and ebonite	EN ISO 75-2	1996
ISO 178	1993	Plastics – Determination of flexural properties	EN ISO 178	1996
ISO 291	1997	Plastics – Standard atmospheres for conditioning and testing	EN ISO 291	1997
ISO 306	1994	Plastics – Thermoplastic materials – Determination of Vicat Softening Temperature (VST)	EN ISO 306	1996
ISO 489	1999	Plastics – Determination of refractive index	EN ISO 489	1999
ISO 527-1	1993	Plastics – Determination of tensile properties – Part 1: General principles	EN ISO 527-1	1996
ISO 527-2	1993	Plastics – Determination of tensile properties – Part 2: Test conditions for moulding and extrusion plastics	EN ISO 527-2	1996
ISO 877	1994	Plastics – Methods of exposure to direct weathering, to weathering using glass-filtered daylight, and to intensified weathering by daylight using Fresnel mirrors	EN ISO 877	1996
ISO 2039-2	1987	Plastics – Determination of hardness – Part 2: Rockwell hardness	EN ISO 2039-2	1999
ISO 2818	1994	Plastics – Preparation of test specimens by machining	EN ISO 2818	1996
ISO 4892-2	1994	Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc sources	EN ISO 4892-2	1999
ISO 13468-1	1996	Plastics – Determination of the total luminous transmittance of transparent materials – Part 1: Single-beam instrument	EN ISO 13468-1	1996

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# INTERNATIONAL STANDARD

**ISO**  
**7823-1**

Third edition  
1998-06-15

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## Plastics — Poly(methyl methacrylate) sheets — Types, dimensions and characteristics —

### Part 1: Cast sheets

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*Plastiques — Plaques en poly(méthacrylate de méthyle) — Types,  
dimensions et caractéristiques*

*Partie 1: Plaques coulées*

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Reference number  
ISO 7823-1:1998(E)

## ISO 7823-1:1998(E)

<b>Contents</b>		<b>Page</b>
<b>1</b>	Scope .....	1
<b>2</b>	Normative references .....	1
<b>3</b>	Definitions .....	2
<b>4</b>	Composition .....	2
<b>5</b>	General requirements .....	3
<b>6</b>	Test methods .....	6
<b>7</b>	Retest and rejection .....	7
<b>Annex A</b>	(normative) Determination of dimensional change (shrinkage) at elevated temperature .....	8

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International Organization for Standardization  
Case postale 56 • CH-1211 Genève 20 • Switzerland  
Internet iso@iso.ch

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## 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.

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 7823-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

This third edition cancels and replaces the second edition (ISO 7823-1:1991), which has been technically revised.

ISO 7823 consists of the following parts, under the general title *Plastics — Poly(methyl methacrylate) sheets — Types, dimensions and characteristics*:

— *Part 1: Cast sheets*

— *Part 2: Melt-calendered extruded sheets*

Annex A forms an integral part of this part of ISO 7823.

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