



SLOVENSKI STANDARD
SIST EN ISO 7823-3:2007

01-september-2007

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SIST EN ISO 7823-3:2004

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Plastics - Poly(methyl methacrylate) sheets - Types, dimensions and characteristics -
Part 3: Continuous cast sheets (ISO 7823-3:2007)

Kunststoffe - Tafeln aus Polymethylmethacrylat - Typen, Maße und Eigenschaften - Teil
3: Endlosprodukte (ISO 7823-3:2007)

Plastiques - Plaques en poly(méthacrylate de méthyle) - Types, dimensions et
caractéristiques - Partie 3: Plaques coulées continues (ISO 7823-3:2007)

Ta slovenski standard je istoveten z: EN ISO 7823-3:2007

ICS:

83.140.10 Filmi in folije Films and sheets

SIST EN ISO 7823-3:2007 en,fr,de

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English Version

Plastics - Poly(methyl methacrylate) sheets - Types, dimensions
and characteristics - Part 3: Continuous cast sheets (ISO 7823-
3:2007)

Plastiques - Plaques en poly(méthacrylate de méthyle) -
Types, dimensions et caractéristiques - Partie 3: Plaques
coulées continues (ISO 7823-3:2007)

Kunststoffe - Tafeln aus Polymethylmethacrylat - Typen,
Maße und Eigenschaften - Teil 3: Endlosprodukte (ISO
7823-3:2007)

This European Standard was approved by CEN on 23 April 2007.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 7823-3:2007) 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 NBN.

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 November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.

This document supersedes EN ISO 7823-3:2004.

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

Endorsement notice

The text of ISO 7823-3:2007 has been approved by CEN as EN ISO 7823-3:2007 without any modifications.

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

**Part 3:
Continuous cast sheets**

*Plastiques — Plaques en poly(méthacrylate de méthyle) — Types,
dimensions et caractéristiques —
Partie 3: Plaques coulées continues*

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Published in Switzerland

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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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7823-3 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

This second edition cancels and replaces the first edition (ISO 7823-3:2003), 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*:

- (standards.iteh.ai)
- SIST EN ISO 7823-3:2007
- *Part 1: Cast sheets* <https://standards.iteh.ai/catalog/standards/sist/aec31074-6028-4949-89c0-941a7c3aa547/sist-en-iso-7823-3-2007>
 - *Part 2: Extruded sheets*
 - *Part 3: Continuous cast sheets*

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

Part 3: Continuous cast sheets

1 Scope

This part of ISO 7823 specifies requirements for non-modified flat poly(methyl methacrylate) (PMMA) continuous cast sheets for general-purpose use. The sheets may be colourless or coloured, and may be transparent, translucent or opaque.

The thickness range of the sheets covered by this part of ISO 7823 is 1 mm to 10 mm.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 62:1999, *Plastics — Determination of water absorption*

ISO 75-2:2004, *Plastics — Determination of temperature of deflection under load — Part 2: Plastics and ebonite*

ISO 178, *Plastics — Determination of flexural properties*

ISO 179-1, *Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test*

ISO 291, *Plastics — Standard atmospheres for conditioning and testing*

ISO 306:2004, *Plastics — Thermoplastics materials — Determination of Vicat softening temperature (VST)*

ISO 489:1999, *Plastics — Determination of refractive index*

ISO 527-2, *Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics*

ISO 877, *Plastics — Methods of exposure to direct weathering, to weathering using glass-filtered daylight, and to intensified weathering by daylight using Fresnel mirrors*

ISO 1183-1:2004, *Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pycnometer method and titration method*

ISO 1183-2, *Plastics — Methods for determining the density of non-cellular plastics — Part 2: Density gradient column method*

ISO 2039-2, *Plastics — Determination of hardness — Part 2: Rockwell hardness*