



**SLOVENSKI STANDARD**  
**SIST EN ISO 11963:1999**

**01-maj-1999**

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**Polimerni materiali – Plošče iz polikarbonata – Tipi, mere in značilnosti (ISO 11963:1995)**

Plastics - Polycarbonate sheets - Types, dimensions and characteristics (ISO 11963:1995)

Kunststoffe - Tafeln aus Polycarbonat - Lieferformen, Abmessungen und charakteristische Eigenschaften (ISO 11963:1995)

Plastiques - Feuilles en polycarbonate - Types, dimensions et caractéristiques (ISO 11963:1995)

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**Ta slovenski standard je istoveten z: EN ISO 11963:1995**

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**ICS:**

83.140.10      Filmi in folije

Films and sheets

**SIST EN ISO 11963:1999**

**en**

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EUROPEAN STANDARD

EN ISO 11963

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1995

ICS 83.140

Descriptors: plastics, thermoplastic resins, polycarbonates, plastic sheets, specifications, dimensions, mechanical properties, thermal properties, tests

English version

**Plastics - Polycarbonate sheets - Types,  
dimensions and characteristics (ISO 11963:1995)**

Plastiques - Feuilles en polycarbonate - Types,  
dimensions et caractéristiques (ISO 11963:1995)

Kunststoffe - Tafeln aus Polycarbonat -  
Lieferformen, Abmessungen und charakteristische  
Eigenschaften (ISO 11963:1995)

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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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**CEN**

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Ref. No. EN ISO 11963:1995 E

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## Foreword

The text of the International Standard from ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) has been taken over as a European Standard by the Technical Committee CEN/TC 249 "Plastics".

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of an identical text or by endorsement, at the latest by March 1996, and conflicting national standards shall be withdrawn at the latest by March 1996.

According to CEN/CENELEC Internal Regulations, 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.

## Endorsement notice

The text of the International Standard ISO 11963:1995 has been approved by CEN as a European Standard without any modification.

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

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**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 10350	1993	Plastics - Acquisition and presentation of comparable single-point data	EN ISO 10350	1995

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INTERNATIONAL  
STANDARD

**ISO**  
**11963**

First edition  
1995-04-15

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**Plastics — Polycarbonate sheets — Types,  
dimensions and characteristics**

**iTeh STANDARD PREVIEW**  
*Plastiques — Feuilles en polycarbonate — Types, dimensions et  
caractéristiques*  
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Reference number  
ISO 11963:1995(E)

## 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.

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 11963 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

Annex A forms an integral part of this International Standard.

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# Plastics — Polycarbonate sheets — Types, dimensions and characteristics

## 1 Scope

**1.1** This International Standard specifies the requirements for solid, flat extruded sheets of polycarbonate (PC) for general applications. It applies specifically to sheets made of poly-(*p,p'*-isopropylidenediphenyl carbonate). The sheets may be coloured or colourless, and they may be transparent, translucent or opaque. The sheets may also have a special weather-protective layer on one or both surfaces.

**1.2** This International Standard applies only to thicknesses equal to or greater than 1,5 mm.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 62:1980, *Plastics — Determination of water absorption*.

ISO 75-1:1993, *Plastics — Determination of temperature of deflection under load — Part 1: General test method*.

ISO 75-2:1993, *Plastics — Determination of temperature of deflection under load — Part 2: Plastics and ebonite*.

ISO 179:1993, *Plastics — Determination of Charpy impact strength*.

ISO 291:1977, *Plastics — Standard atmospheres for conditioning and testing*.

ISO 306:1994, *Plastics — Thermoplastic materials — Determination of Vicat softening temperature (VST)*.

<https://standards.iteh.ai/catalog/standards/sist/bd145b037919/sist-en-iso-11963-1999>  
ISO 489:1983, *Plastics — Determination of the refractive index of transparent plastics*.

ISO 527-1:1993, *Plastics — Determination of tensile properties — Part 1: General principles*.

ISO 527-2:1993, *Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics*.

ISO 1183:1987, *Plastics — Methods for determining the density and relative density of non-cellular plastics*.

ISO 2818:1994, *Plastics — Preparation of test specimens by machining*.

ISO 2859-0:—<sup>1)</sup>, *Sampling procedures for inspection by attributes — Part 0: Introduction to the ISO 2859 attribute sampling system*.

ISO 2859-1:1989, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*.

1) To be published.