



SLOVENSKI STANDARD
SIST EN ISO 180:2001/A1:2007

01-april-2007

Polimerni materiali - Ugotavljanje udarne žilavosti po Izodu - Dopolnilo 1 (ISO 180:2000/Amd 1:2006)

Plastics - Determination of Izod impact strength - Amendment 1 (ISO 180:2000/Amd 1:2006)

Kunststoffe - Bestimmung der Izod-Schlagzähigkeit - Änderung 1 (ISO 180:2000/Amd 1:2006)

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Plastiques - Détermination de la résistance au choc Izod - Amendement 1 (ISO 180:2000/Amd 1:2006)

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Ta slovenski standard je istoveten z: EN ISO 180:2000/A1:2006

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general
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SIST EN ISO 180:2001/A1:2007	en
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ICS 83.080.01

English Version

Plastics - Determination of Izod impact strength - Amendment 1
(ISO 180:2000/Amd 1:2006)

Plastiques - Détermination de la résistance au choc Izod -
Amendement 1 (ISO 180:2000/Amd 1:2006)

Kunststoffe - Bestimmung der Izod-Schlagzähigkeit -
Änderung 1 (ISO 180:2000/Amd 1:2006)

This amendment A1 modifies the European Standard EN ISO 180:2000; it was approved by CEN on 25 November 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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, 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 180:2000/A1:2006) 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 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 June 2007, and conflicting national standards shall be withdrawn at the latest by June 2007.

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 180:2000/Amd1:2006 has been approved by CEN as EN ISO 180:2000/A1:2006 without any modifications.

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**Plastics — Determination of Izod impact
strength**

AMENDMENT 1

Plastiques — Détermination de la résistance au choc Izod

AMENDEMENT 1

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Reference number
ISO 180:2000/Amd.1:2006(E)

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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.

Amendment 1 to ISO 180:2000 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

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Plastics — Determination of Izod impact strength

AMENDMENT 1

Page 2, Clause 2

Update the normative references as follows:

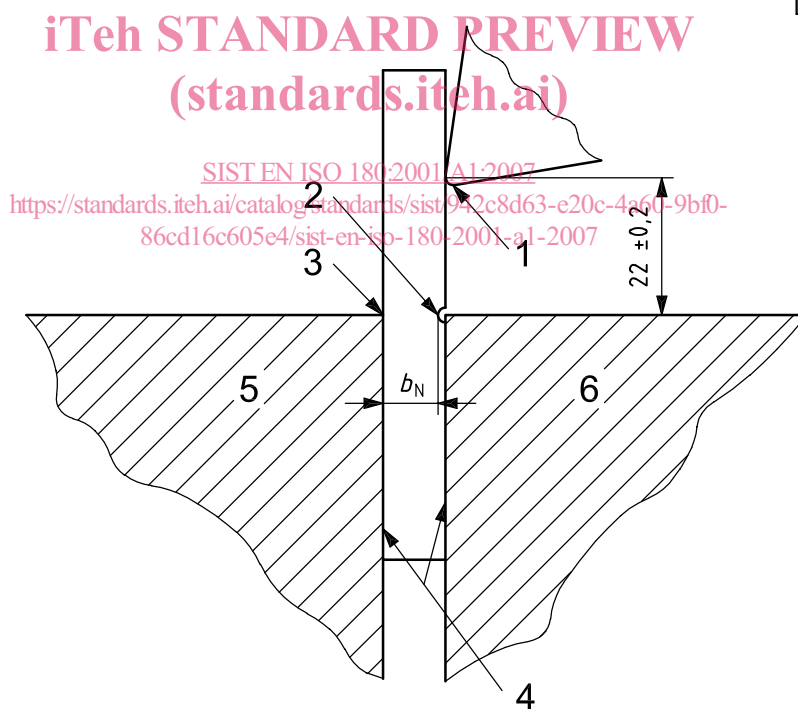
Delete all the years of publication, together with the footnotes.

Replace the reference to ISO 1268 by "ISO 1268 (all parts), *Fibre-reinforced plastics — Methods of producing test plates.*"

Page 5

Insert the following new figure at the top of the page:

Dimensions in millimetres



Key

- 1 striking edge (for radius, see ISO 13802)
- 2 notch
- 3 vice jaw edge about which bending takes place (for radius, see ISO 13802)
- 4 faces of jaws in contact with the specimen
- 5 fixed vice jaw
- 6 movable vice jaw
- b_N remaining width at notch base (8 mm ± 0,2 mm)

Figure 2 — Vice jaws, test specimen (notched) and striking edge shown at impact