SLOVENSKI STANDARD
oSIST prEN ISO 1183-1:2011

01-maj-2011

Polimerni materiali - Metode za določanje gostote nepenjenih polimernih materialov - 1. del: Metoda s potapljanjem, metoda s tekočinskim piknometrom in titracijska metoda (ISO/DIS 1183-1:2011)

Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pyknometer method and titration method (ISO/DIS 1183-1:2011)

Kunststoffe - Verfahren zur Bestimmung der Dichte von nicht verschäumten Kunststoffen - Teil 1: Eintauchverfahren, Verfahren mit Flüssigkeitspyknometer und Titrationsverfahren (ISO/DIS 1183-1:2011)

Plastiques - Méthodes de détermination de la masse volumique des plastiques non alvéolaires - Partie 1: Méthode par immersion, méthode du pycnomètre en milieu liquide et méthode par titrage (ISO/DIS 1183-1:2011)

Ta slovenski standard je istoveten z: **prEN ISO 1183-1**

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general

oSIST prEN ISO 1183-1:2011 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN ISO 1183-1

March 2011

ICS 83.080.01

Will supersede EN ISO 1183-1:2004

English Version

Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pyknometer method and titration method (ISO/DIS 1183-1:2011)

Plastiques - Méthodes de détermination de la masse volumique des plastiques non alvéolaires - Partie 1: Méthode par immersion, méthode du pycnomètre en milieu liquide et méthode par titrage (ISO/DIS 1183-1:2011)

Kunststoffe - Verfahren zur Bestimmung der Dichte von nicht verschäumten Kunststoffen - Teil 1: Eintauchverfahren, Verfahren mit Flüssigkeitspyknometer und Titrationsverfahren (ISO/DIS 1183-1:2011)

This draft European Standard is submitted to CEN members for second parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 249.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

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

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Foreword

This document (prEN ISO 1183-1:2011) 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 document is currently submitted to the second parallel Enquiry.

This document will supersede EN ISO 1183-1:2004.

Endorsement notice

The text of ISO/DIS 1183-1:2011 has been approved by CEN as a prEN ISO 1183-1:2011 without any modification.

DRAFT INTERNATIONAL STANDARD ISO/DIS 1183-1.2

ISO/TC **61**/SC **5** Secretariat: **DIN**

Voting begins on **2011-03-03** Voting terminates on **2011-05-03**

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Plastics — Methods for determining the density of non-cellular plastics —

Part 1:
Immersion method, liquid pyknometer method and titration method

Plastiques — Méthodes de détermination de la masse volumique des plastiques non alvéolaires —

Partie 1: Méthode par immersion, méthode du pycnomètre en milieu liquide et méthode par titrage

[Revision of first edition (ISO 1183-1:2004)]

ICS 83.080.01

ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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 1183-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

This forth edition cancels and replaces the third edition (ISO 1183-1:2004), of which has been technically revised.

The main changes compared to the previous edition are:

a) Add Annex B – Correction for buoyancy in air;

b) The equation for calculating the density of air was corrected.

ISO 1183 consists of the following parts, under the general title *Plastics — Methods for determinating the density of non-cellular plastics*:

— *Part 1: Immersion method, liquid pyknometer method and titration method*

— *Part 2: Density gradient column method*

— *Part 3: Gas pyknometer method*

