



**SLOVENSKI STANDARD**  
**kSIST-TS FprCEN ISO/TS 80004-4:2014**  
**01-november-2014**

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**Nanotehnologije - Slovar - 4. del: Nanostrukturirani materiali (ISO/TS 80004-4:2011)**

Nanotechnologies - Vocabulary - Part 4: Nanostructured materials (ISO/TS 80004-4:2011)

Nanotechnologien - Fachwörterverzeichnis - Teil 4: Nanostrukturierte Materialien (ISO/TS 80004-4:2011)

Nanotechnologies - Vocabulaire - Partie 4: Matériaux nanostructurés (ISO/TS 80004-4:2011)

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**Ta slovenski standard je istoveten z: FprCEN ISO/TS 80004-4**

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**ICS:**

01.040.07	Matematika. Naravoslovne vede (Slovarji)	Mathematics. Natural sciences (Vocabularies)
07.030	Fizika. Kemija	Physics. Chemistry

**kSIST-TS FprCEN ISO/TS 80004-4:2014 en,fr,de**



TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
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**FINAL DRAFT**  
**FprCEN ISO/TS 80004-4**

August 2014

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ICS 07.030; 01.040.07

English Version

## Nanotechnologies - Vocabulary - Part 4: Nanostructured materials (ISO/TS 80004-4:2011)

Nanotechnologies - Vocabulaire - Partie 4: Matériaux nanostructurés (ISO/TS 80004-4:2011)

Nanotechnologien - Fachwörterverzeichnis - Teil 4: Nanostrukturierte Materialien (ISO/TS 80004-4:2011)

This draft Technical Specification is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee CEN/TC 352.

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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.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

The text of ISO/TS 80004-4:2011 has been prepared by Technical Committee ISO/TC 229 “Nanotechnologies” of the International Organization for Standardization (ISO) and has been taken over as FprCEN ISO/TS 80004-4:2014 by Technical Committee CEN/TC 352 “Nanotechnologies” the secretariat of which is held by AFNOR.

This document is currently submitted to the Formal Vote.

### Endorsement notice

The text of ISO/TS 80004-4:2011 has been approved by CEN as FprCEN ISO/TS 80004-4:2014 without any modification.

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2011-12-01

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**Nanotechnologies — Vocabulary —  
Part 4:  
Nanostructured materials**

*Nanotechnologies — Vocabulaire —*

*Partie 4: Matériaux nanostructurés*

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Reference number  
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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.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
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An ISO/PAS or ISO/TS is reviewed after three years in order to decide whether it will be confirmed for a further three years, revised to become an International Standard, or withdrawn. If the ISO/PAS or ISO/TS is confirmed, it is reviewed again after a further three years, at which time it must either be transformed into an International Standard or be withdrawn.

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/TS 80004-4 was prepared by Technical Committee ISO/TC 229, *Nanotechnologies*.

ISO/TS 80004 consists of the following parts, under the general title *Nanotechnologies — Vocabulary*:

- *Part 1: Core terms*
- *Part 3: Carbon nano-objects*
- *Part 4: Nanostructured materials*
- *Part 5: Nano/bio interface*
- *Part 7: Diagnostics and therapeutics for healthcare*

## ISO/TS 80004-4:2011(E)

The following parts are under preparation:

- *Part 2: Nano-objects: Nanoparticle, nanofibre and nanoplate*<sup>1)</sup>
- *Part 6: Nanoscale measurement and instrumentation*
- *Part 8: Nanomanufacturing processes*

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1) ISO/TS 27687:2008, *Nanotechnologies — Terminology and definitions for nano-objects — Nanoparticle, nanofibre and nanoplate*, will be revised as ISO 80004-2.