



SLOVENSKI STANDARD
SIST-TS CEN ISO/TS 80004-2:2017
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Nadomešča:
SIST-TS CEN ISO/TS 27687:2010

Nanotehnologija - Slovar - 2. del: Nanoobjekti (ISO/TS 80004-2:2015)

Nanotechnologies - Vocabulary - Part 2: Nano-objects (ISO/TS 80004-2:2015)

Nanotechnologien - Fachwörterverzeichnis - Teil 2: Nanoobjekte (ISO/TS 80004-2:2015)

Nanotechnologies - Vocabulaire - Partie 2: Nano-objets (ISO/TS 80004-2:2015)

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ICS:

01.040.07	Naravoslovne in uporabne vede (Slovarji)	Natural and applied sciences (Vocabularies)
07.120	Nanotehnologije	Nanotechnologies

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN ISO/TS 80004-2

July 2017

ICS 07.120; 01.040.07

Supersedes CEN ISO/TS 27687:2009

English Version

**Nanotechnologies - Vocabulary - Part 2: Nano-objects
(ISO/TS 80004-2:2015)**

Nanotechnologies - Vocabulaire - Partie 2: Nano-objets
(ISO/TS 80004-2:2015)

Nanotechnologien - Fachwörterverzeichnis - Teil 2:
Nanoobjekte (ISO/TS 80004-2:2015)

This Technical Specification (CEN/TS) was approved by CEN on 19 June 2017 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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European foreword

The text of ISO/TS 80004-2:2015 has been prepared by Technical Committee ISO/TC 229 “Nanotechnologies” of the International Organization for Standardization (ISO) and has been taken over as CEN ISO/TS 80004-2:2017 by Technical Committee CEN/TC 352 “Nanotechnologies” the secretariat of which is held by AFNOR.

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

This document supersedes CEN ISO/TS 27687:2009.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO/TS 80004-2:2015 has been approved by CEN as CEN ISO/TS 80004-2:2017 without any modification.

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TECHNICAL
SPECIFICATION

ISO/TS
80004-2

First edition
2015-06-01

**Nanotechnologies — Vocabulary —
Part 2:
Nano-objects**

*Nanotechnologies — Vocabulaire —
Partie 2: Nano-objets*

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committees responsible for this document are ISO/TC 229, *Nanotechnologies* and Technical Committee IEC/TC 113, *Nanotechnology standardization for electrical and electronic products and systems*. The draft was circulated for voting to the national bodies of both ISO and IEC.

This first edition of ISO/TS 80004-2 cancels and replaces ISO/TS 27687:2008, which has been technically revised.

Documents in the 80000 to 89999 range of reference numbers are developed by collaboration between ISO and IEC.

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

- *Part 1: Core terms*
- *Part 2: Nano-objects*
- *Part 3: Carbon nano-objects*
- *Part 4: Nanostructured materials*
- *Part 5: Nano/bio interface*
- *Part 6: Nano-object characterization*
- *Part 7: Diagnostics and therapeutics for healthcare*
- *Part 8: Nanomanufacturing processes*

The following parts are under preparation:

- *Part 9: Nano-enabled electrotechnical products and systems*
- *Part 10: Nano-enabled photonic components and systems*
- *Part 11: Nanolayer, nanocoating, nanofilm, and related terms*

- *Part 12: Quantum phenomena in nanotechnology*
- *Part 13: Graphene and other two-dimensional materials*

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