TECHNICAL SPECIFICATION

ISO/TS 80004-1

Second edition
2015-12-01

Nanotechnologies — Vocabulary —

Part 1: Core terms

Nanotechnologies — Vocabulaire —

Partie 1: Termes "coeur"

Sample Document

get full document from standards.iteh.ai

Reference number
ISO/TS 80004-1:2015(E)

© ISO 2015

ISO/TS 80004-1:2015 • https://standards.iteh.ai/catalog/standards/iso/1f078391-5d32-4bc5-9352-78946a4e16d1/iso-ts-80004-1-2015

Sample Document

get full document from standards.iteh.ai



COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

© ISO 2015 – All rights reserved

ISO/TS 80004-1:2015 • https://standards.iteh.ai/catalog/standards/iso/1f078391-5d32-4bc5-9352-78946a4e16d1/iso-ts-80004-1-2015

Contents

Page

Foreword ..... **iv**
Introduction ..... **vi**
1 Scope **1**
2 Terms and definitions **1**
Bibliography **3**

Sample Document
get full document from standards.iteh.ai

© ISO 2015 – All rights reserved

ISO/TS 80004-1:2015 • https://standards.iteh.ai/catalog/standards/iso/1f078391-5d32-4bc5-9352-78946a4e16d1/iso-ts-80004-1-2015

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. 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. 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: http://www.iso.org/iso/home/standards_development/resources-for-technical-work/foreword.htm

Sample Document

The committee responsible for this document is ISO/TC 229, *Nanotechnologies*, and Technical Committee IEC/TC 113, *Nanotechnology standardization for electrical and electronic products and systems*.

get full document from standards.iteh.ai

This second edition cancels and replaces the first edition (ISO/TS 80004-1:2010), 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*

© ISO 2015 – All rights reserved
ISO/TS 80004-1:2015 • https://standards.iteh.ai/catalog/standards/iso/1f078391-5d32-4bc5-9352-78946a4e16d1/iso-ts-80004-1-2015

— *Part 12: Quantum phenomena in nanotechnology*

— *Part 13: Graphene and other two-dimensional materials*

Sample Document

get full document from standards.iteh.ai

© ISO 2015 – All rights reserved

ISO/TS 80004-1:2015 • https://standards.iteh.ai/catalog/standards/iso/1f078391-5d32-4bc5-9352-78946a4e16d1/iso-ts-80004-1-2015