

SLOVENSKI STANDARD SIST-TS CEN ISO/TS 17200:2015

01-julij-2015

Nanotehnologija - Nanodelci v obliki prahu - Karakteristike in mere (ISO/TS 17200:2013)

Nanotechnology - Nanoparticles in powder form - Characteristics and measurements (ISO/TS 17200:2013)

Nanotechnologies - Nanoparticules sous forme de poudre - Caractéristiques et mesures (ISO/TS 17200:2013)

SIST-TS CEN ISO/TS 17200:2015

https://standards.iteh.ai/catalog/standards/sist/a23852c4-8184-43ca-8524-

Ta slovenski standard je istoveten z: CEN ISO/TS 17200-2015

ICS:

07.120 Nanotehnologije Nanotechnologies

SIST-TS CEN ISO/TS 17200:2015 en

SIST-TS CEN ISO/TS 17200:2015

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST-TS CEN ISO/TS 17200:2015</u>

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN ISO/TS 17200

May 2015

ICS 07.030

English Version

Nanotechnology - Nanoparticles in powder form - Characteristics and measurements (ISO/TS 17200:2013)

Nanotechnologies - Nanoparticules sous forme de poudre - Caractéristiques et mesures (ISO/TS 17200:2013)

Nanotechnologien - Nanopartikel in Pulverform - Eigenschaften und Messung (ISO/TS 17200:2013)

This Technical Specification (CEN/TS) was approved by CEN on 16 May 2015 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.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

SIST-TS CEN ISO/TS 17200:2015

https://standards.iteh.ai/catalog/standards/sist/a23852c4-8184-43ca-8524-156d26ab62fe/sist-ts-cen-iso-ts-17200-2015



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

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

CEN ISO/TS 17200:2015 (E)

Contents

	Page
Foreword	3

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST-TS CEN ISO/TS 17200:2015

CEN ISO/TS 17200:2015 (E)

Foreword

The text of ISO/TS 17200:2013 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 17200:2015 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 [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO/TS 17200:2013 has been approved by CEN as CEN ISO/TS 17200:2015 without any modification.

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST-TS CEN ISO/TS 17200:2015</u> https://standards.iteh.ai/catalog/standards/sist/a23852c4-8184-43ca-8524-156d26ab62fe/sist-ts-cen-iso-ts-17200-2015 **SIST-TS CEN ISO/TS 17200:2015**

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST-TS CEN ISO/TS 17200:2015</u>

SIST-TS CEN ISO/TS 17200:2015

TECHNICAL SPECIFICATION

ISO/TS 17200

First edition 2013-06-01

Nanotechnology — Nanoparticles in powder form — Characteristics and measurements

Nanotechnologies — Nanoparticules sous forme de poudre — Caractéristiques et mesures

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST-TS CEN ISO/TS 17200:2015</u> https://standards.iteh.ai/catalog/standards/sist/a23852c4-8184-43ca-8524-156d26ab62fe/sist-ts-cen-iso-ts-17200-2015



Reference number ISO/TS 17200:2013(E)

ISO/TS 17200:2013(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST-TS CEN ISO/TS 17200:2015</u> https://standards.iteh.ai/catalog/standards/sist/a23852c4-8184-43ca-8524-156d26ab62fe/sist-ts-cen-iso-ts-17200-2015



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

ISO/TS 17200:2013(E)

Co	ntent	ZS CONTRACTOR CONTRACT	Page
Fore	word		iv
Intr	oductio	on	v
1	Scop	ne	1
2	Nori	native references	1
3	Tern	ns and definitions	1
4	Fund	damental characteristics with corresponding measurement methods	2
5	Sam	ple preparation	2
6	Mea 6.1	Surement methods	3
	6.2	Chemical composition Specific surface area by BET method Crystal structure by XRD method	3 4
	6.3	Crystal structure by XRD method	4
	6.4	Average crystallite size by XRD (Scherrer formula) method	4
	6.5	Average and standard deviation of the measured primary particle sizes by TEM method	
7	Test report		4
Ann	ex A (in	formative) Applicability of this Technical Specification	6
Rihl	iogranl	hv.	7

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST-TS CEN ISO/TS 17200:2015