

SLOVENSKI STANDARD oSIST prEN ISO 19630:2025

01-april-2025

Fina keramika (sodobna keramika, sodobna tehnična keramika) - Preskusne metode za ojačitve - Ugotavljanje nateznih lastnosti vlaken pri sobni temperaturi (ISO/DIS 19630:2025)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of test for reinforcements - Determination of tensile properties of filaments at ambient temperature (ISO/DIS 19630:2025)

Hochleistungskeramik- Verfahren zur Prüfung der Faserverstärkungen - Bestimmung der Zugeigenschaften von Endlosfasern bei Raumtemperatur (ISO/DIS 19630:2025)

Céramiques techniques - Méthodes d'essai pour renforts - Détermination des propriétés en traction des filaments à température ambiante (ISO/DIS 19630:2025)

https://Ta slovenski standard je istoveten z: 189a prEN ISO 19630 d7dda5fe121/osist-pren-iso-19630-2025

ICS:

81.060.30 Sodobna keramika Advanced ceramics

oSIST prEN ISO 19630:2025 en,fr,de

oSIST prEN ISO 19630:2025

iTeh Standards (https://standards.iteh.ai) Document Preview

oSIST prEN ISO 19630:2025

https://standards.iteh.ai/catalog/standards/sist/5d36f89a-90ad-4b97-a304-9d7dda5fe121/osist-pren-iso-19630-2025



DRAFTInternational Standard

Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods of test for reinforcements — Determination of tensile properties of filaments at ambient temperature

Céramiques techniques — Méthodes d'essai pour renforts — Détermination des propriétés en traction du filament à température ambiante

ICS: 81.060.30 teh.ai/catalog/standards/sist/5d36f89a-90ad-4b97-a304-9d7dda5fe121/osist-pren-iso-19630-2025

ISO/DIS 19630

ISO/TC 206

Secretariat: JISC

Voting begins on: **2025-02-07**

Voting terminates on: 2025-05-02

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

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.

ISO/DIS 19630:2025(en)

iTeh Standards (https://standards.iteh.ai) Document Preview

oSIST prEN ISO 19630:2025

https://standards.iteh.ai/catalog/standards/sist/5d36f89a-90ad-4b97-a304-9d7dda5fe121/osist-pren-iso-19630-2025



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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 CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

ISO/DIS 19630:2025(en)

Cor	tents	Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms, definitions and symbols	1
4	Principle	3
5	Apparatus	3
6	Test specimen gauge lengths	3
7	Test specimen preparation	3
8	Number of test specimens	5
9	Test procedure 9.1 Displacement rate 9.2 Determination of the gauge length 9.3 Determination of the initial cross-section area 9.4 Testing technique 9.4.1 General 9.4.2 Load cell 9.4.3 Test specimen mounting 9.4.4 Measurements 9.4.5 Test validity	5 5 5 5 5 5 5 5 5
10	Calculation of results Standard US	
	10.1 Tensile strength	6 6
	10.3 Strain 10.4 Young modulus 10.5 Fracture strain OSIST pren ISO 19630:2025	 8 8
12	derds.iteh.ai/catalog/standards/sist/5d36f89a-90ad-4b97-a304-9d7dda5fe121/osist-pren-iso- Test report	9
Bibli	graphy	11

ISO/DIS 19630:2025(en)

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 voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 206, Fine ceramics.

(https://standards.iteh.ai)
Document Preview

oSIST prEN ISO 19630:2025

https://standards.iteh.ai/catalog/standards/sist/5d36f89a-90ad-4b97-a304-9d7dda5fe121/osist-pren-iso-19630-202