



SLOVENSKI STANDARD SIST EN ISO 22459:2024

01-november-2024

Fina keramika (sodobna keramika, sodobna tehnična keramika) - Ojačitev keramičnih kompozitov - Ugotavljanje porazdelitve natezne trdnosti in deformacij/obremenitev vlaken v svežnjih pri temperaturi okolice (ISO 22459:2024)

Fine ceramics (advanced ceramics, advanced technical ceramics) - Reinforcement of ceramic composites - Determination of distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at ambient temperature (ISO 22459:2024)

Hochleistungskeramik - Faserverstärkungen von keramischen Verbundwerkstoffen - Bestimmung der Verteilung von Zugfestigkeit und Zugdehnung bis zum Versagen von Filamenten innerhalb eines Multifilamentkabels bei Raumtemperatur (ISO 22459:2024)

Céramiques techniques - Renfort de céramiques composites - Détermination de la distribution de la résistance en traction et de la déformation à la rupture en traction de filaments dans un fil multifilamentaire à température ambiante (ISO 22459:2024)

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Fine ceramics (advanced ceramics, advanced technical ceramics) - Reinforcement of ceramic composites - Determination of distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at ambient temperature (ISO 22459:2024)

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This European Standard was approved by CEN on 30 June 2024.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 22459:2024) has been prepared by Technical Committee ISO/TC 206 "Fine ceramics" in collaboration with Technical Committee CEN/TC 184 "Advanced technical ceramics" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2025, and conflicting national standards shall be withdrawn at the latest by February 2025.

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International Standard

ISO 22459

**Fine ceramics (advanced ceramics,
advanced technical ceramics) —
Reinforcement of ceramic
composites — Determination of
distribution of tensile strength and
tensile strain to failure of filaments
within a multifilament tow at
ambient temperature**

*Céramiques techniques — Renfort de céramiques composites —
Détermination de la distribution de la résistance en traction et de
la déformation à la rupture en traction de filaments dans un fil
multifilamentaire à température ambiante*

**Second edition
2024-08**

ISO 22459:2024(en)

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Foreword

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This document was prepared by Technical Committee ISO/TC 206, *Fine ceramics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 184, *Advanced technical ceramics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 22459:2020), of which it constitutes a minor revision.

The changes are as follows:

- [Figure 2](#) has been updated;
- [Figure 3](#) has been updated.

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