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Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale (ISO 6769:2022)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/23

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English Version

Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale (ISO 6769:2022)

Émaux vitrifiés - Détermination de la dureté superficielle suivant l'échelle de Mohs (ISO 6769:2022)

Emails und Emailierungen - Bestimmung der Ritzhärte der Oberfläche nach Mohs (ISO 6769:2022)

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 6769:2022 (E)

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European foreword

This document (EN ISO 6769:2022) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 262 "Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by May 2023.

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This document supersedes EN 15771:2010.

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Endorsement notice

The text of ISO 6769:2022 has been approved by CEN as EN ISO 6769:2022 without any modification.

INTERNATIONAL STANDARD

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First edition
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Vitreous and porcelain enamels — Determination of surface scratch hardness according to the Mohs scale

*Émaux vitrifiés — Détermination de la dureté superficielle suivant
l'échelle de Mohs*



Reference number
ISO 6769:2022(E)

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ISO 6769:2022(E)

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.

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This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 262, *Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Vitreous and porcelain enamels — Determination of surface scratch hardness according to the Mohs scale

1 Scope

This document specifies a method of test for determining the scratch hardness of the surface of vitreous and porcelain enamels.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 28764, *Vitreous and porcelain enamels — Production of specimens for testing enamels on sheet steel, sheet aluminium and cast iron*

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