



SLOVENSKI STANDARD SIST EN ISO 2495:2001

01-januar-2001

Modri trdni pigmenti - Specifikacije in metode preskušanja (ISO 2495:1995)

Iron blue pigments - Specifications and methods of test (ISO 2495:1995)

Eisenblau-Pigmente - Anforderungen und Prüfverfahren (ISO 2495:1995)

Pigments de bleu de Prusse - Spécifications et méthodes d'essai (ISO 2495:1995)

Ta slovenski standard je istoveten z: **EN ISO 2495:2000**

[SIST EN ISO 2495:2001](https://standards.iteh.ai/catalog/standards/sist/74a6203d-7803-4071-b81a-0867c8e59d89/sist-en-iso-2495-2001)

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ICS:

87.060.10 Pigmenti in polnila Pigments and extenders

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 2495

March 2000

ICS 87.060.10

English version

Iron blue pigments - Specifications and methods of test (ISO 2495:1995)

Pigments de bleu de Prusse - Spécifications et méthodes d'essai (ISO 2495:1995)

Eisenblau-Pigmente - Anforderungen und Prüfverfahren (ISO 2495:1995)

This European Standard was approved by CEN on 20 January 2000.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 298 "Pigments and extenders", 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 September 2000, and conflicting national standards shall be withdrawn at the latest by September 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

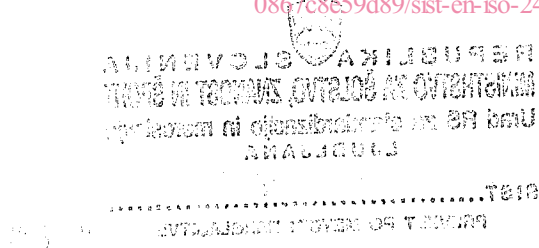
The text of the International Standard ISO 2495:1995 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 787-2	1981	General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 °C	EN ISO 787-2	1995
ISO 787-3	1979	General methods of test for pigments and extenders – Part 3: Determination of matter soluble in water – Hot extraction method	EN ISO 787-3	1995
ISO 787-5	1980	General methods of test for pigments and extenders - Part 5: Determination of oil absorption value	EN ISO 787-5	1995
ISO 787-16	1986	General methods of test for pigments and extenders – Part 16: Determination of relative tinting strength (or equivalent colouring value) and colour on reduction of coloured pigments – Visual comparison method	EN ISO 787-16	1995
ISO 3696	1987	Water for analytical laboratory use – Specification and test methods	EN ISO 3696	1995
ISO 8780-2	1990	Pigments and extenders – Methods of dispersion for assessment of dispersion characteristics – Part 2: Dispersion using an oscillatory shaking machine	EN ISO 8780-2	1995

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INTERNATIONAL
STANDARD

ISO
2495

Second edition
1995-03-15

**Iron blue pigments — Specifications and
methods of test**

iTeh STANDARD PREVIEW
Pigments de bleu de Prusse — Spécifications et méthodes d'essai
(standards.iteh.ai)

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Reference number
ISO 2495:1995(E)

ISO 2495:1995(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2495 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 2, *Pigments and extenders*.

This second edition cancels and replaces the first edition (ISO 2495:1972), which has been technically revised.

Annex A of this International Standard is for information only.

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Iron blue pigments — Specifications and methods of test

1 Scope

This International Standard specifies the requirements and the corresponding methods of test for iron blue pigments.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 385-1:1984, *Laboratory glassware — Burettes — Part 1: General requirements.*

ISO 648:1977, *Laboratory glassware — One-mark pipettes.*

ISO 787-1:1982, *General methods of test for pigments and extenders — Part 1: Comparison of colour of pigments.*

ISO 787-2:1981, *General methods of test for pigments and extenders — Part 2: Determination of matter volatile at 105 °C.*

ISO 787-3:1979, *General methods of test for pigments and extenders — Part 3: Determination of matter soluble in water — Hot extraction method.*

ISO 787-4:1981, *General methods of test for pigments and extenders — Part 4: Determination of acidity or alkalinity of the aqueous extract.*

ISO 787-5:1980, *General methods of test for pigments and extenders — Part 5: Determination of oil absorption value.*

ISO 787-16:1986, *General methods of test for pigments and extenders — Part 16: Determination of relative tinting strength (or equivalent colouring value) and colour on reduction of coloured pigments — Visual comparison method.*

ISO 842:—¹⁾, *Raw materials for paints and varnishes — Sampling.*

ISO 1042:1983, *Laboratory glassware — One-mark volumetric flasks.*

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods.*

ISO 8780-2:1990, *Pigments and extenders — Methods of dispersion for assessment of dispersion characteristics — Part 2: Dispersion using an oscillatory shaking machine.*

3 Definition

For the purposes of this International Standard, the following definition applies.

3.1 iron blue pigment: A pigment formed by the reaction of iron salts with cyanoferrate(II) or cyanoferrate(III) ions and followed, if necessary, by treatment with oxidizing agents.

1) To be published. (Revision of ISO 842:1984)