



SLOVENSKI STANDARD
oSIST prEN ISO 276:2019

01-marec-2019

Veziva za barve in lake - Polimerizirano laneno olje - Zahteve in preskusne metode (ISO/DIS 276:2019)

Binders for paints and varnishes - Linseed stand oil - Requirements and methods of test (ISO/DIS 276:2019)

Bindemittel für Beschichtungsstoffe - Leinöl-Standöl - Anforderungen und Prüfverfahren (ISO/DIS 276:2019)

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Liants pour peintures et vernis - Standolies d'huile de lin - Exigences et méthodes d'essai (ISO/DIS 276:2019)

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Ta slovenski standard je istoveten z: prEN ISO 276

ICS:

87.060.20 Veziva Binders

oSIST prEN ISO 276:2019 **en,fr,de**

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DRAFT INTERNATIONAL STANDARD

ISO/DIS 276

ISO/TC 35

Secretariat: NEN

Voting begins on:
2019-02-08Voting terminates on:
2019-05-03

Binders for paints and varnishes — Linseed stand oil — Requirements and methods of test

Liants pour peintures et vernis — Standolies d'huile de lin — Exigences et méthodes d'essai

ICS: 87.060.20

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ISO/CEN PARALLEL PROCESSING



Reference number
ISO/DIS 276:2019(E)

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Published in Switzerland

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ISO/DIS 276:2019(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.

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).

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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. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 35 *Paints and varnishes*.

This third edition cancels and replaces the second edition (ISO 276:2001), which has been technically revised.

The main changes compared to the previous edition are as follows:

- Requirements for turbidity and colour have been added in Table 1;
- for the determination of acid value ISO 660 has been added;
- for the determination of saponification value ISO 3657 has been added;
- a general reference to ISO 4618 for terms and definitions has been added to [Clause 3](#);
- the text has been editorially revised.

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.

Binders for paints and varnishes — Linseed stand oil — Requirements and methods of test

1 Scope

This document specifies the requirements and the corresponding test methods for five types of linseed stand oil suitable for paints and varnishes.

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 660, *Animal and vegetable fats and oils — Determination of acid value and acidity*

ISO 2114, *Plastics (polyester resins) and paints and varnishes (binders) — Determination of partial acid value and total acid value*

ISO 3657, *Animal and vegetable fats and oils — Determination of saponification value*

ISO 3681, *Binders for paints and varnishes — Determination of saponification value — Titrimetric method*

ISO 4618, *Paints and varnishes — Terms and definitions*

ISO 4630, *Clear liquids — Estimation of colour by the Gardner colour scale*

ISO 12058-1, *Plastics — Determination of viscosity using a falling-ball viscometer — Part 1: Inclined-tube method*

ISO 15715, *Binders for paints and varnishes — Determination of turbidity*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4618 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at <http://www.electropedia.org/>

— ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

linseed stand oil

polymerized linseed oil obtained from linseed oil by heat treatment and conforming to the requirements given in this International Standard

Note 1 to entry: Certain linseed stand oils are also referred to as “lithographic varnishes”.

4 Requirements and test methods

The five types of linseed stand oil shall meet the requirements given in Table 1.