SLOVENSKI STANDARD
SIST EN ISO 8130-4:2022

01-september-2022

Nadomešča:
SIST EN ISO 8130-4:2012

Praškasti premazi - 4. del: Izračun spodnje meje eksplozivnosti (ISO 8130-4:2021)

Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)

Pulverlacke - Teil 4: Berechnung der unteren Explosionsgrenze (ISO 8130-4:2021)

Poudres pour revêtement - Partie 4: Calcul de la limite inférieure d'explosivité (ISO 8130-4:2021)

Ta slovenski standard je istoveten z: EN ISO 8130-4:2022

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
87.040	Barve in laki	Paints and varnishes

SIST EN ISO 8130-4:2022 en,fr,de

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 8130-4

March 2022

ICS 13.220.40; 87.040

Supersedes EN ISO 8130-4:2010

English Version

Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)

Poudres pour revêtement - Partie 4: Calcul de la limite inférieure d'explosibilité (ISO 8130-4:2021)

Pulverlacke - Teil 4: Berechnung der unteren Explosionsgrenze (ISO 8130 4:2021)

This European Standard was approved by CEN on 19 January 2022.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 8130-4:2022) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 “Paints and varnishes” 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of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 8130-4:2010.

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Endorsement notice

The text of ISO 8130-4:2021 has been approved by CEN as EN ISO 8130-4:2022 without any modification.

INTERNATIONAL STANDARD

ISO 8130-4

Second edition
2021-12

Coating powders —

Part 4: Calculation of lower explosion limit

Poudres pour revêtement —

Partie 4: Calcul de la limite inférieure d'explosivité

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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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For an explanation of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and vanishes,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 8130-4:1992) and ISO 8130-4 Technical Corrigendum 1:1993, which have been technically revised.

The main changes are as follows:

— the scope has been modified to differentiate between calculation and an estimation of the lower explosion limit;

— the definition on lower explosion limit (3.1) has been clarified for coating powders and the short term LEL has been introduced;

— the SI unit for the lower explosion limit has been corrected;

— the test report (Clause 8) shall note whether the lower explosion limit was calculated or estimated;

— the bibliography contains two new references;

— the text has been editorially revised and the normative references have been updated;

— some text has been moved from the scope to the introduction.

A list of all parts in the ISO 8130 series can be found on the ISO website.

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.