

STN	Práškové náterové látky Časť 16: Stanovenie hustoty vytlačením kvapaliny v odmernom valci (ISO 8130-16: 2022)	STN EN ISO 8130-16 67 3180
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Coating powders - Part 16: Determination of density by liquid displacement in a measuring cylinder (ISO 8130-16:2022)

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. 11/23

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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN ISO 8130-16

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English Version

**Coating powders - Part 16: Determination of density by
liquid displacement in a measuring cylinder (ISO 8130-
16:2022)**

Poudres pour revêtement - Partie 16: Titre manque
(ISO 8130-16:2022)

Pulverlacke - Teil 16: Bestimmung der Dichte mittels
Flüssigkeitsverdrängung in einem Messzylinder (ISO
8130-16:2022)

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EN ISO 8130-16:2023 (E)

Contents	Page
European foreword.....	3

European foreword

The text of ISO 8130-16:2022 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 8130-16:2023 by 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of an identical text or by endorsement, at the latest by February 2024, and conflicting national standards shall be withdrawn at the latest by February 2024.

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The text of ISO 8130-16:2022 has been approved by CEN as EN ISO 8130-16:2023 without any modification.

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Coating powders —

Part 16:

Determination of density by liquid displacement in a measuring cylinder



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Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle.....	1
5 Materials.....	1
6 Apparatus.....	2
7 Sampling.....	2
8 Procedure.....	2
8.1 Number of determinations and test temperature.....	2
8.2 Determination of the density of the displacement liquid.....	2
9 Expression of results.....	2
10 Precision.....	3
11 Test report.....	3
Bibliography.....	4

ISO 8130-16:2022(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.

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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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

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

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Coating powders —

Part 16:

Determination of density by liquid displacement in a measuring cylinder

1 Scope

This document specifies a method for determining the density of coating powders by liquid displacement in a measuring cylinder. The method is based on a determination of the mass and the volume of a test portion. It can be used for all types of coating powders.

NOTE If the powder does not swell in contact with the displacement liquid used and if the displacement liquid replaces the air between the powder particles, it can then be used and compared with the method described in ISO 8130-3.

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 4788, *Laboratory glassware — Graduated measuring cylinders*

ISO 8130-14, *Coating powders — Part 14: Vocabulary*

ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN