

STN	Plasty Stanovenie sypnej hmotnosti lisovacej zmesi, ktorá neprejde cez predpísaný lievnik (ISO 61: 2023)	STN EN ISO 61 64 0805
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Plastics - Determination of apparent density of moulding material that cannot be poured from a specified funnel (ISO 61:2023)

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. 12/23

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EUROPEAN STANDARD
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EN ISO 61

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Supersedes EN ISO 61:1999

English Version

**Plastics - Determination of apparent density of moulding material that cannot be poured from a specified funnel
(ISO 61:2023)**

Plastiques - Détermination de la masse volumique apparente des matières à mouler non susceptibles de s'écouler à travers un entonnoir donné (ISO 61:2023)

Kunststoffe - Bestimmung der scheinbaren Dichte von Formmassen, die nicht durch einen gegebenen Trichter abfließen können (Stopfdichte) (ISO 61:2023)

This European Standard was approved by CEN on 30 September 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 61:2023 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 61:2023) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

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Endorsement notice

The text of ISO 61:2023 has been approved by CEN as EN ISO 61:2023 without any modification.

INTERNATIONAL STANDARD

**ISO
61**

Second edition
2023-09

Plastics — Determination of apparent density of moulding material that cannot be poured from a specified funnel

*Plastiques — Détermination de la masse volumique apparente
des matières à mouler non susceptibles de s'écouler à travers un
entonnoir donné*



Reference number
ISO 61:2023(E)

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Apparatus	1
5	Procedure	2
6	Expression of results	3
7	Test report	3
Bibliography		4

ISO 61:2023(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 document 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 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 61:1976), which has been technically revised.

The main changes are as follows:

- specified the loose moulding material;
- added the mandatory [Clause 2](#) (Normative references) and renumbered the subsequent clauses;
- added the mandatory [Clause 3](#) (Terms and definitions) and renumbered the subsequent clauses;
- added a “Ruler” in the list of apparatus;
- added [Figure 1](#) in apparatus;
- added the requirement “Tested samples shall not be reused” in procedure;
- added the requirement “Take two significant digits” in expression of results;
- added information to be included in the test report, i.e. “a reference to this document”, “standard deviation, and/or coefficient of variation, and/or confidence limits of mean, if required”, “any other observations”, “date of test”.

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Introduction

Apparent density refers to the ratio of mass to apparent volume of a material in its natural state (dry state stored in air for a long time).

A knowledge of apparent density is of limited value in estimating the relative fluffiness or bulk of moulding materials, unless their densities in the moulded condition are approximately the same.

Plastics — Determination of apparent density of moulding material that cannot be poured from a specified funnel

1 Scope

This document specifies a method of determining the apparent density, i.e. the mass per unit of volume, of loose material that cannot be poured from a funnel of specified design.

NOTE For a method of determining the apparent density of loose moulding material that can be poured from a specified funnel, see ISO 60.

This document is applicable to loose moulding materials such as slice, granular or powder.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN