

STN	Plasty Stanovenie sypateľnosti (ISO 6186: 2023)	STN EN ISO 6186 64 0109
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Plastics - Determination of pourability (ISO 6186:2023)

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. 10/23

Obsahuje: EN ISO 6186:2023, ISO 6186:2023

Oznámením tejto normy sa ruší
STN EN ISO 6186 (64 0109) z októbra 2001

137530

EUROPEAN STANDARD

EN ISO 6186

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2023

ICS 83.080.01

Supersedes EN ISO 6186:1998

English Version

Plastics - Determination of pourability (ISO 6186:2023)Plastiques - Détermination de l'aptitude à l'écoulement
(ISO 6186:2023)Kunststoffe - Bestimmung der Rieselfähigkeit (ISO
6186:2023)

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European foreword

This document (EN ISO 6186:2023) 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of an identical text or by endorsement, at the latest by January 2024, and conflicting national standards shall be withdrawn at the latest by January 2024.

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INTERNATIONAL STANDARD

ISO 6186

Third edition
2023-07

Plastics — Determination of pourability

Plastiques — Détermination de l'aptitude à l'écoulement



Reference number
ISO 6186:2023(E)

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Published in Switzerland

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ISO 6186:2023(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 5, *Physical-chemical properties*, 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 third edition cancels and replaces the second edition (ISO 6186:1998), which has been technically revised.

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

- [Clause 2](#) and [Clause 3](#) have been updated;
- [Clause 5](#) "Apparatus" has been technically revised;
- former Clause 9 "Precision" has been deleted and subsequent clause has been renumbered;
- former Clause 10 "Test report" has been renumbered as the new [Clause 9](#), and has been rearranged and 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.

Plastics — Determination of pourability

1 Scope

This document specifies two methods, A and B, for determining the pourability of plastics in powdered and granular form, by measuring the flow time through a funnel under specified conditions.

From method A, information concerning the processability can be derived, whilst method B is especially designed for process control during manufacture.

The methods specified are not necessarily applicable to all plastics in powdered and granular form.

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 291, *Plastics — Standard atmospheres for conditioning and testing*

ISO 21920-2, *Geometrical product specifications (GPS) — Surface texture: Profile — Part 2: Terms, definitions and surface texture parameters*

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