



SLOVENSKI STANDARD SIST EN ISO 6186:1999

01-maj-1999

Polimerni materiali – Določevanje časa pretoka prahov in granulotov (ISO 6186:1998)

Plastics - Determination of pourability (ISO 6186:1998)

Kunststoffe - Bestimmung der Rieselfähigkeit (ISO 6186:1998)

Plastiques - Détermination de l'aptitude à l'écoulement (ISO 6186:1998)

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ICS:

83.080.20 Plastomeri Thermoplastic materials

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6186

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Descriptors: see ISO document

English version

Plastics - Determination of pourability (ISO 6186:1998)

Plastiques - Détermination de l'aptitude à l'écoulement (ISO
6186:1998)

Kunststoffe - Bestimmung der Rieselfähigkeit (ISO
6186:1998)

This European Standard was approved by CEN on 13 May 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 6186:1998

Foreword

The text of the International Standard ISO 6186:1998 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 IBN.

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 December 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 6186:1998 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 291	1997	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	1997

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INTERNATIONAL STANDARD

**ISO
6186**

Second edition
1998-06-15

Plastics — Determination of pourability

Plastiques — Détermination de l'aptitude à l'écoulement

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Reference number
ISO 6186:1998(E)

ISO 6186:1998(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6186 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This second edition cancels and replaces the first edition (ISO 6186:1980), which has been technically revised.

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International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch
Printed in Switzerland

Plastics — Determination of pourability

1 Scope

This International Standard 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.

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

NOTE — The methods described are not applicable to all plastics in powdered and granular form.

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2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 291:1997, *Plastics — Standard atmospheres for conditioning and testing*.

3 Definition

For the purposes of this International Standard, the following definition applies:

3.1 flow time: The time taken for a defined mass or volume of test material to flow through a funnel of specified dimensions. It is indicated in seconds (s).

4 Principle

The time taken for a defined mass or volume of the test material to flow through a funnel of specified dimensions is measured.

5 Apparatus

5.1 Funnel, of the shape and dimensions shown in figure 1 and in table 1. Simple test funnels or test funnels with exchangeable nozzles may be used. The funnel shall be made of metal, for example stainless steel, and have the inside surface carefully polished. It shall be fitted with a device for closing the outlet (for example a metal plate). The funnel shall be earthed to discharge electrostatic charges.