



SLOVENSKI STANDARD SIST EN ISO 2898-2:2000

01-maj-2000

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Plastics - Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 2898-2:1997)

Kunststoffe - Weichmacherhaltige Polyvinylchlorid (PVC-P)-Formmassen - Teil 2: Herstellung von Probekörpern und Bestimmung von Eigenschaften (ISO 2898-2:1997)

Plastiques - Matériaux a base de poly(chlorure de vinyle) plastifié (PVC-P) pour moulage et extrusion - Partie 2: Préparation des éprouvettes et détermination des propriétés (ISO 2898-2:1997)

Ta slovenski standard je istoveten z: EN ISO 2898-2:1999

ICS:

83.080.20 Plastomeri Thermoplastic materials

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EUROPEAN STANDARD
 NORME EUROPÉENNE
 EUROPÄISCHE NORM

EN ISO 2898-2

June 1999

ICS 83.080.20

English version

Plastics - Plasticized poly(vinyl chloride) (PVC-P) moulding and
 extrusion materials - Part 2: Preparation of test specimens and
 determination of properties (ISO 2898-2:1997)

Plastiques - Matériaux à base de poly(chlorure de vinyle)
 plastifié (PVC-P) pour moulage et extrusion - Partie 2:
 Préparation des éprouvettes et détermination des
 propriétés (ISO 2898-2:1997)

Kunststoffe - Weichmacherhaltige Polyvinylchlorid (PVC-
 P)-Formmassen - Teil 2: Herstellung von Probekörpern und
 Bestimmung von Eigenschaften (ISO 2898-2:1997)

This European Standard was approved by CEN on 6 May 1999.

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.



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 2898-2:1999

Foreword

The text of the International Standard from Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 1999, and conflicting national standards shall be withdrawn at the latest by December 1999.

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 2898-2:1997 has been approved by CEN as a European Standard without any modification.

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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 176	1976	Plastics - Determination of loss of plasticizers - Activated carbon method	EN ISO 176	1999
ISO 291	1997	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	1997
ISO 527-2	1993	Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics	EN ISO 527-2	1996
ISO 868	1985	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	EN ISO 868	1997
ISO 2818	1994	Plastics - Preparation of test specimens by machining	EN ISO 2818	1996
ISO 2898-1	1996	Plastics - Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials - Part 1: Designation system and basis for specifications	EN ISO 2898-1	1999
ISO 3167	1993	Plastics - Multipurpose test specimens	EN ISO 3167	1996
ISO 3451-5	1989	Plastics - Determination of ash - Part 5: Poly(vinyl chloride)	EN ISO 3451-5	1996
ISO 10350	1993	Plastics - Acquisition and presentation of comparable single-point data	EN ISO 10350	1995

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INTERNATIONAL STANDARD

ISO
2898-2

Third edition
1997-07-15

Plastics — Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials —

Part 2: Preparation of test specimens and determination of properties

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*Plastiques — Matériaux à base de poly(chlorure de vinyle) plastifié (PVC-P)
pour moulage et extrusion —*

Partie 2: Préparation des éprouvettes et détermination des propriétés

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Reference number
ISO 2898-2:1997(E)

ISO 2898-2:1997(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 2898-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This third edition cancels and replaces the second edition (ISO 2898-2:1989) and includes the following changes:

- the text has been brought into accordance with the standard SC 9 frame text;
- the test conditions for tensile stress and volume resistivity have been revised in accordance with ISO 10350.

ISO 2898 consists of the following parts, under the general title *Plastics — Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials*:

- *Part 1: Designation system and basis for specifications*
- *Part 2: Preparation of test specimens and determination of properties*

Annex A forms an integral part of this part of ISO 2898.

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Plastics — Plasticized poly(vinyl chloride) (PVC-P) moulding and extrusion materials —

Part 2:

Preparation of test specimens and determination of properties

1 Scope

This part of ISO 2898 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of PVC-P moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are given here.

Procedures and conditions for the preparation of test specimens and procedures for measuring properties of the materials from which these specimens are made are given. Properties and test methods which are suitable and necessary to characterize PVC-P moulding and extrusion materials are listed.

The properties have been selected from the general test methods in ISO 10350. Other test methods in wide use for or of particular significance to these moulding and extrusion materials are also included in this part of ISO 2898, as are the designatory properties specified in part 1.

In order to obtain reproducible and comparable test results, it is necessary to use the methods of preparation and conditioning, the specimen dimensions and the test procedures specified herein. Values determined will not necessarily be identical to those obtained using specimens of different dimensions or prepared using different procedures.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 2898. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 2898 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 176:1976, *Plastics — Determination of loss of plasticizers — Activated carbon method.*

ISO 291:—1), *Plastics — Standard atmospheres for conditioning and testing.*

ISO 293:1986, *Plastics — Compression moulding test specimens of thermoplastic materials.*

1) To be published. (Revision of ISO 291:1977)