



SLOVENSKI STANDARD SIST EN ISO 1872-2:2007

01-september-2007

BUXca Yý U

SIST EN ISO 1872-2:2000

SIST EN ISO 1872-2:2000/A1:2000

Dc`ja Yfb]a UHf]U]!`Dc`]Yf]Ybg_]a UHf]U]`nUcV]_cj Ub`Y]b`Y_glf i X]fUb`Y]!`&`XY.
Df]dfUj UdfYg_i yUbWj `]b`Xc`c Ub`Y`Ug]bcgh]fGC`% +&!&.&\$+\$+L

Plastics - Polyethylene (PE) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 1872-2:2007)

iTeh STANDARD PREVIEW

Kunststoffe - Polyethylen (PE)-Formmassen - Teil 2: Herstellung von Probekörpern und Bestimmung von Eigenschaften (ISO 1872-2:2007)

[SIST EN ISO 1872-2:2007](#)

Plastiques - Polyéthylène (PE) pour moulage et extrusion - Partie 2: Préparation des éprouvettes et détermination des propriétés (ISO 1872-2:2007)

Ta slovenski standard je istoveten z: EN ISO 1872-2:2007

ICS:

83.080.20 Plastomeri Thermoplastic materials

SIST EN ISO 1872-2:2007 en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 1872-2:2007

<https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>

English Version

Plastics - Polyethylene (PE) moulding and extrusion materials -
Part 2: Preparation of test specimens and determination of
properties (ISO 1872-2:2007)

Plastiques - Polyéthylène (PE) pour moulage et extrusion -
Partie 2: Préparation des éprouvettes et détermination des
propriétés (ISO 1872-2:2007)

Kunststoffe - Polyethylen (PE)-Formmassen - Teil 2:
Herstellung von Probekörpern und Bestimmung von
Eigenschaften (ISO 1872-2:2007)

This European Standard was approved by CEN on 23 December 2006.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/8c5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 1872-2:2007) 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 August 2007, and conflicting national standards shall be withdrawn at the latest by August 2007.

This document supersedes EN ISO 1872-2:1997.

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

Endorsement notice

The text of ISO 1872-2:2007 has been approved by CEN as EN ISO 1872-2:2007 without any modifications.

(standards.iteh.ai)

[SIST EN ISO 1872-2:2007](https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007)

<https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>

**Plastics — Polyethylene (PE) moulding
and extrusion materials —**

**Part 2:
Preparation of test specimens and
determination of properties**

iTeh STANDARD PREVIEW
Plastiques — Polyéthylène (PE) pour moulage et extrusion —
Partie 2: Préparation des éprouvettes et détermination des propriétés
(standards.iteh.ai)

SIST EN ISO 1872-2:2007

<https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 1872-2:2007](https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007)

<https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1872-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This third edition cancels and replaces the second edition (ISO 1872-2:1997), which has been technically revised, and incorporates Amendment 1:2000.

ISO 1872 consists of the following parts, under the general title *Plastics — Polyethylene (PE) moulding and extrusion materials*:

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 1872-2:2007

<https://standards.iteh.ai/catalog/standards/sist/8e5aad48-1c8f-49ed-aff3-c03b6382b39e/sist-en-iso-1872-2-2007>

Plastics — Polyethylene (PE) moulding and extrusion materials —

Part 2: Preparation of test specimens and determination of properties

1 Scope

This part of ISO 1872 specifies the methods of preparation of test specimens and the test methods to be used in determining the properties of polyethylene (PE) 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.

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

The properties have been selected from the general test methods in ISO 10350-1. 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 1872, as are the designatory properties specified in ISO 1872-1.

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 referenced documents are indispensable for the application 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 62, *Plastics — Determination of water absorption*

ISO 75-2, *Plastics — Determination of temperature of deflection under load — Part 2: Plastics and ebonite*

ISO 178, *Plastics — Determination of flexural properties*

ISO 179-1, *Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test*

ISO 179-2, *Plastics — Determination of Charpy impact properties — Part 2: Instrumented impact test*

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

ISO 294-1, *Plastics — Injection moulding of test specimens of thermoplastic materials — Part 1: General principles, and moulding of multipurpose and bar test specimens*