

SLOVENSKI STANDARD

SIST EN ISO 14910-2:2013

01-junij-2013

Nadomešča:

SIST EN ISO 14910-2:2006

Polimerni materiali - Plastomerni poliester/ester in polieter/ester elastomeri za oblikovanje in ekstrudiranje - 2. del: Priprava preskušancev in ugotavljanje lastnosti (ISO 14910-2:2013)

Plastics - Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion - Part 2: Preparation of test specimens and determination of properties (ISO 14910-2:2013)

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Kunststoffe - Thermoplastische Polyester/Ester- und Polyether/Ester-Elastomer-Formmassen - Teil 2: Herstellung von Probekörpern und Bestimmung von Eigenschaften (ISO 14910-2:2013)

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Plastiques - Élastomères thermoplastiques à base de polyester/ester et polyéther/ester, pour moulage et extrusion - Partie 2: Préparation des éprouvettes et détermination des propriétés (ISO 14910-2:2013)

Ta slovenski standard je istoveten z: EN ISO 14910-2:2013

ICS:

83.080.20

Plastomeri

Thermoplastic materials

SIST EN ISO 14910-2:2013

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14910-2

March 2013

ICS 83.080.20

Supersedes EN ISO 14910-2:2006

English Version

**Plastics - Thermoplastic polyester/ester and polyether/ester
elastomers for moulding and extrusion - Part 2: Preparation of
test specimens and determination of properties (ISO 14910-
2:2013)**

Plastiques - Élastomères thermoplastiques à base de polyester/ester et polyéther/ester, pour moulage et extrusion - Partie 2: Préparation des éprouvettes et détermination des propriétés (ISO 14910-2:2013)

Kunststoffe - Thermoplastische Polyester/Ester- und Polyether/Ester-Elastomer-Formmassen - Teil 2: Herstellung von Probekörpern und Bestimmung von Eigenschaften (ISO 14910-2:2013)

This European Standard was approved by CEN on 1 December 2012.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

[SIST EN ISO 14910-2:2013](https://standards.iteh.ai/en/standards/sis-02235-d9b-0313-4e0a-a59b)

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN ISO 14910-2:2013) 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 NBN.

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 September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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

This document supersedes EN ISO 14910-2:2006.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 14910-2:2013 has been approved by CEN as EN ISO 14910-2:2013 without any modification.

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INTERNATIONAL
STANDARDISO
14910-2Second edition
2013-03-01

**Plastics — Thermoplastic polyester/
ester and polyether/ester elastomers
for moulding and extrusion —****Part 2:
Preparation of test specimens and
determination of properties**

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*Plastiques — Élastomères thermoplastiques à base de polyester/ester
et polyether/ester, pour moulage et extrusion —*

Partie 2: Préparation des éprouvettes et détermination des propriétés

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ISO 14910-2:2013(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.

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 14910-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This second edition cancels and replaces the first edition (ISO 14910-2:1997), which has been technically revised.

ISO 14910 consists of the following parts, under the general title *Plastics — Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion*:

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

Introduction

The structure of thermoplastic-elastomer material standards is based on the following considerations.

For each type of thermoplastic elastomer, reference is made to the relevant material standard.

Thermoplastic-elastomer materials are classified into three classes according to the primary elastomeric property, hardness, as shown in [Figure 1](#) below. This classification on the basis of hardness reflects the special position of thermoplastic elastomers between rubber materials on the one hand and plastics on the other.

Each class is subdivided into standard properties and special properties. The classes have many standard properties and many special properties in common. Furthermore, a standard property in one class can be a special property in another class and *vice versa*.

Special properties are those properties which are in wide use or of particular significance in the practical characterization of a specific material.

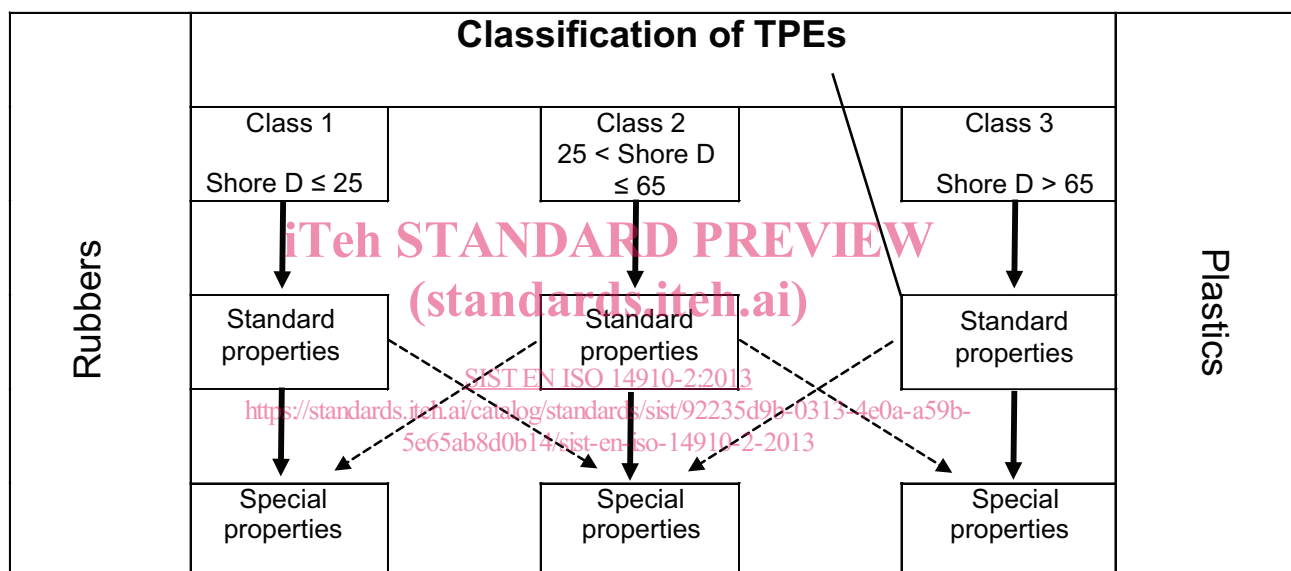


Figure 1 — Classification of thermoplastic elastomers on the basis of their hardness