



SLOVENSKI STANDARD SIST EN ISO 13000-1:1999

01-maj-1999

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Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 1: Requirements and designation (ISO 13000-1:1997)

Kunststoffe - Polytetrafluorethylen (PTFE)-Halbzeuge - Teil 1: Anforderungen und Bezeichnung (ISO 13000-1:1997)

Plastiques - Semi-produits en polytétrafluoroéthylène (PTFE)- Partie 1: Spécifications et désignation (ISO 13000-1:1997)

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Ta slovenski standard je istoveten z: EN ISO 13000-1:1997

ICS:

83.140.01	Izdelki iz gume in polimernih materialov na splošno	Rubber and plastics products in general
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 13000-1

December 1997

ICS 83.140.10

Descriptors: see ISO document

English version

Plastics - Polytetrafluoroethylene (PTFE) semi-finished products
- Part 1: Requirements and designation (ISO 13000-1:1997)

Plastiques - Semi-produits en polytétrafluoroéthylène
(PTFE) - Partie 1: Spécifications et désignation (ISO
13000-1:1997)

Kunststoffe - Polytetrafluorethylen (PTFE)-Halbzeuge - Teil
1: Anforderungen und Bezeichnung (ISO 13000-1:1997)

This European Standard was approved by CEN on 30 November 1997.

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 13000-1:1997

Foreword

The text of the International Standard ISO 13000-1:1997 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 June 1998, and conflicting national standards shall be withdrawn at the latest by June 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

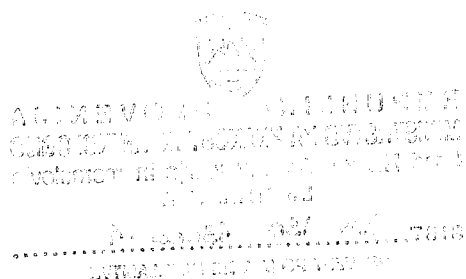
The text of the International Standard ISO 13000-1:1997 was approved by CEN as a European Standard without any modification.

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 13000-2		Plastics - Polytetrafluoroethylene (PTFE) semi-finished products - Part 2: Preparation of specimens and determination of properties	EN ISO 13000-2	1997

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INTERNATIONAL STANDARD

ISO
13000-1

First edition
1997-12-15

Plastics — Polytetrafluoroethylene (PTFE) semi-finished products —

Part 1: Requirements and designation

*Plastiques — Semi-produits en polytétrafluoroéthylène (PTFE) —
Partie 1: Spécifications et désignation*
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Reference number
ISO 13000-1:1997(E)

ISO 13000-1:1997(E)

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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.

STANDARD PREVIEW
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International Standard ISO 13000-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

ISO 13000 consists of the following parts, under the general title *Plastics — Polytetrafluoroethylene (PTFE) semi-finished products*:

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Part 1: Requirements and designation

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

Annex A of this part of ISO 13000 is for information only.

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Plastics – Polytetrafluoroethylene (PTFE) semi-finished products

Part 1:

Requirements and designation

1. Scope

This specification deals with the requirements for processed unfilled polytetrafluoroethylene (PTFE) products which may occur in several forms. The PTFE used to make the semi-finished product is described in ISO 12086-1 and, as provided in that International Standard, may contain up to one percent of a comonomer. The PTFE used to make the semi-finished product may be virgin, reprocessed, or recycled resin. The addition of up to 1,5 % by mass of pigment or colourant is permitted. The standard allows for four grades based on tensile strength and elongation at break. The semi-finished products can be as processed (type P) or dimensionally stabilized (type S) and also may have specified electrical properties or other properties when they are required for an application.

NOTE: References to other standard specifications for semi-finished products made from polytetrafluoroethylene are listed in Annex A for information.

2. Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were 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 editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 472:1988 *Plastics — Vocabulary.*

ISO 1043-1:1997 *Plastics — Symbols and abbreviated terms — Part 1: Basic polymers and their special characteristics.*

ISO 12086-1:1995 *Plastics — Fluoropolymer dispersions and moulding and extrusion materials — Part 1: Designation system and basis for specifications.*

ISO 12086-2:1995 *Plastics — Fluoropolymer dispersions and moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties.*

ISO 13000-2:1997 *Plastics — Polytetrafluoroethylene (PTFE) semi-finished products — Part 2: Preparation of test specimens and determination of properties.*