

# **SLOVENSKI STANDARD**

## **SIST EN ISO 1043-2:2002**

**01-februar-2002**

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**Polimerni materiali - Simboli in kratice - 2. del: Polnila in materiali za ojačenje (ISO 1043-2)**

Plastics - Symbols and abbreviated terms - Part 2: Fillers and reinforcing materials (ISO 1043-2:2000)

Kunststoffe - Kennbuchstaben und Kurzzeichen - Teil 2: Füllstoffe und Verstärkungsstoffe (ISO 1043-2:2000)

Plastiques - Symboles et abréviations - Partie 2: Charges et matériaux de renforcement (ISO 1043-2:2000)

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**Ta slovenski standard je istoveten z: EN ISO 1043-2:2001**

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**ICS:**

01.075	Simboli za znake	Character symbols
83.040.30	Pomožni materiali in aditivi za polimerne materiale	Auxiliary materials and additives for plastics

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**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 1043-2**

August 2001

ICS 59.100.01; 83.040.30; 83.080.01

English version

**Plastics - Symbols and abbreviated terms - Part 2: Fillers and reinforcing materials (ISO 1043-2:2000)**

Plastiques - Symboles et abréviations - Partie 2: Charges et matériaux de renforcement (ISO 1043-2:2000)

Kunststoffe - Kennbuchstaben und Kurzzeichen - Teil 2: Füllstoffe und Verstärkungsstoffe (ISO 1043-2:2000)

This European Standard was approved by CEN on 17 June 2001.

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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 Management Centre has the same status as the official versions.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

**EN ISO 1043-2:2001 (E)**

<b>CORRECTED 2002-02-06</b>
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**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 a 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 February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

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 1043-2:2000 has been approved by CEN as a European Standard without any modifications.

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# INTERNATIONAL STANDARD

**ISO  
1043-2**

Second edition  
2000-07-15

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## Plastics — Symbols and abbreviated terms —

### Part 2: Fillers and reinforcing materials

*Plastiques — Symboles et abréviations —  
Partie 2: Charges et matériaux de renforcement*

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 part of ISO 1043 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 1043-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 1, *Terminology*.

This second edition cancels and replaces the first edition (ISO 1043-2:1988), which has been technically revised.

ISO 1043 consists of the following parts, under the general title *Plastics* — *Symbols and abbreviated terms*:

- *Part 1: Basic polymers and their special characteristics*
- *Part 2: Fillers and reinforcing materials* [SIST EN ISO 1043-2:2002](https://standards.iteh.ai/catalog/standards/sist/8e34079c-3d1e-4ee7-90a5-d5a33e3d276c/sist-en-iso-1043-2-2002)
- *Part 3: Plasticizers*
- *Part 4: Flame retardants*

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# Plastics — Symbols and abbreviated terms —

## Part 2:

## Fillers and reinforcing materials

### 1 Scope

This part of ISO 1043 provides uniform symbols for terms referring to fillers and reinforcing materials. It includes only those symbols that have come into established use and its main aim is both to prevent the occurrence of more than one symbol for a given filler or reinforcing material and to prevent a given symbol being interpreted in more than one way.

### 2 Use of the symbols

**2.1** The symbols for fillers and reinforcing materials are specified in subclause 3.1 and the symbols for their form or structure are specified in subclause 3.2.

**2.2** Only capital letters shall be used except for chemical symbols.

**2.3** The type of filler or reinforcing material shall be represented by the first letter and its physical form or structure by the second letter.

EXAMPLE GF is the symbol for glass in the form of fibre.

**2.4** Mixtures of materials or forms may be shown in parentheses by combining the relevant symbols by the “+” sign.

EXAMPLE (GF+MD) is the symbol for a mixture of glass fibres (GF) and mineral powder (MD).

**2.5** The further information required for metals shall be indicated by the chemical symbol in parentheses.

EXAMPLE MD(Al) is the symbol for aluminium powder.

### 3 Symbols

#### 3.1 Fillers and reinforcing materials

The symbols for fillers and reinforcing materials are specified in Table 1.

#### 3.2 Form or structure

The symbols for the form or structure of fillers and reinforcing materials are specified in Table 2.