# SLOVENSKI STANDARD

# SIST EN 60893-1:2004

september 2004

#### Izolacijski materiali - Industrijske toge laminirane plošče iz smol s toplotnim utrjevanjem za električne namene - 1. del: Definicije, oznake in splošne zahteve (IEC 60893-1:2004)

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 1: Definitions, designations and general requirements (IEC 60893-1:2004)

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SIST EN 60893-1:2004 https://standards.iteh.ai/catalog/standards/sist/997e8c59-1543-4d81-b0ec-9ddfbdd17d60/sist-en-60893-1-2004

ICS 29.035.20

Referenčna številka SIST EN 60893-1:2004(en)

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# EUROPEAN STANDARD NORME EUROPÉENNE

# EN 60893-1

### **EUROPÄISCHE NORM**

March 2004

ICS 29.035.01

Supersedes EN 60893-1:1994

English version

### Insulating materials -Industrial rigid laminated sheets based on thermosetting resins for electrical purposes Part 1: Definitions, designations and general requirements (IEC 60893-1:2004)

Matériaux isolants -Isolierstoffe -Stratifiés industriels rigides en planches Tafeln aus technischen à base de résines thermodurcissables Schichtpressstoffen à usages électriques auf der Basis warmhärtender Harze Partie 1: Définitions, désignations für elektrotechnische Zwecke NDARD P et exigences générales Teil 1: Definitionen, Bezeichnungen (standards.itelund allgemeine Anforderungen (CEI 60893-1:2004) (IEC 60893-1:2004)

> SIST EN 60893-1:2004 https://standards.iteh.ai/catalog/standards/sist/997e8c59-1543-4d81-b0ec-9ddfbdd17d60/sist-en-60893-1-2004

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# CENELEC

European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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#### Foreword

The text of document 15C/1542/FDIS, future edition 2 of IEC 60893-1, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60893-1 on 2004-03-01.

This European Standard supersedes EN 60893-1:1994.

The major changes from EN 60893-1:1994 are the following:

- a) new material types have been included;
- b) changes have been made to the property requirements of some existing types;
- c) a new method for testing permittivity and dissipation factor has been added;
- d) all non-specification data for each type has been moved to a new Part 4 document IEC/TR 60893-4: Typical values.

The following dates were fixed:

<ul> <li>latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement</li> </ul>	(dop)	2004-12-01		
<ul> <li>latest date by which the national standards conflicting with the EN have to be withdrawn</li> </ul>	(dow)	2007-03-01		
Annex ZA has been added by CENELEC.NDARD PREVIEW				

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Endorsement notice SIST EN 60893-1:2004

The text of the International Standard IEC 60893-1:2004/wasapproved by CENELEC as a European Standard without any modification. 9ddfbdd17d60/sist-en-60893-1-2004

### Annex ZA

#### (normative)

# Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	<u>EN/HD</u>	Year
IEC 60893-2	_ 1)	Industrial rigid laminated sheets based on thermosetting resins for electrical purposes Part 2: Methods of test	-	-
IEC 60893-3	Series	Part 3: Specifications for individual materials	EN 60893-3	Series
IEC/TR 60893-4	- 1)	Part 4: Typical values	-	-
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<sup>&</sup>lt;sup>1)</sup> Undated reference.

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 60893-1

Deuxième édition Second edition 2004-01

Matériaux isolants – Stratifiés industriels rigides en planches à base de résines thermodurcissables à usages électriques –

### i Partie 1: ANDARD PREVIEW Définitions, désignations et exigences générales

SIST EN 60893-1:2004 https://standards.iteh.ai/catalog/standards/sist/997e8c59-1543-4d81-b0ec-Insulating:materials/95-1-2004 Industrial rigid laminated sheets based on thermosetting resins for electrical purposes –

Part 1: Definitions, designations and general requirements

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#### INTERNATIONAL ELECTROTECHNICAL COMMISSION

#### INSULATING MATERIALS – INDUSTRIAL RIGID LAMINATED SHEETS BASED ON THERMOSETTING RESINS FOR ELECTRICAL PURPOSES –

#### Part 1: Definitions, designations and general requirements

#### FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60893-1 has been prepared by subcommittee 15C: Specifications, of IEC technical committee 15: Insulating materials.

This second edition cancels and replaces the first edition, published in 1987 and constitutes a technical revision.

The major changes from the previous edition of IEC 60893-1 are the following:

- a) new material types have been included;
- b) changes have been made to the property requirements of some existing types;

- c) a new method for testing permittivity and dissipation factor has been added;
- d) all non-specification data for each type has been moved to a new Part 4 of IEC 60893.

The text of this standard is based on the following documents:

FDIS	Report on voting
15C/1542/FDIS	15C/1559/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until 2010. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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