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**Izolacijski materiali - Industrijske toge večplastne plošče iz toplotno utrjenih smol za električne namene - 3-1. del: Specifikacije za posamezne materiale - Vrste industrijskih togih večplastnih plošč**

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-1: Specifications for individual materials - Types of industrial rigid laminated sheets

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Matériaux isolants - Stratifiés industriels rigides en planches à base de résines thermodurcissables à usages électriques - Partie 3-1: Spécifications pour matériaux particuliers - Types de stratifiés industriels rigides en planches

**Ta slovenski standard je istoveten z: EN 60893-3-1:2012**

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**ICS:**

29.035.20	Plastični in gumeni izolacijski materiali	Plastics and rubber insulating materials
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**SIST EN 60893-3-1:2012**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60893-3-1**

September 2012

ICS 29.035.01

Supersedes EN 60893-3-1:2004

English version

**Insulating materials -  
Industrial rigid laminated sheets based on thermosetting resins for  
electrical purposes -  
Part 3-1: Specifications for individual materials -  
Types of industrial rigid laminated sheets  
(IEC 60893-3-1:2012)**

Matériaux isolants -  
Stratifiés industriels rigides en planches à  
base de résines thermodurcissables à  
usages électriques -  
Partie 3-1: Spécifications pour matériaux  
particuliers -  
Types de stratifiés industriels rigides en  
planches  
(CEI 60893-3-1:2012)

Isolierstoffe – Tafeln aus technischen  
Schichtpresstoffen auf der Basis  
warmhärtender Harze für  
elektrotechnische Zwecke – Teil 3-1:  
Bestimmungen für einzelne Werkstoffe –  
Typen von Tafeln aus technischen  
Schichtpresstoffen  
(IEC 60893-3-1:2012)

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 15/606/CDV, future edition 3 of IEC 60893-3-1, prepared by IEC TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60893-3-1:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-05-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-28

This document supersedes EN 60893-3-1:2004.

EN 60893-3-1:2012 includes the following significant technical changes with respect to EN 60893-3-1:2004:

- addition of new material types according to EN 60893-3-2.

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The text of the International Standard IEC 60893-3-1:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60893-1	NOTE	Harmonized as EN 60893-1.
IEC 60893-2	NOTE	Harmonized as EN 60893-2.
IEC 60893-3 series	NOTE	Harmonized in EN 60893-3 series.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60893-3-2	-	Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-2: Specifications for individual materials - Requirements for rigid laminated sheets based on epoxy resins	EN 60893-3-2	-

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IEC 60893-3-1

Edition 3.0 2012-07

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes –  
Part 3-1: Specifications for individual materials – Types of industrial rigid laminated sheets**

[SIST EN 60893-3-1:2012](https://standards.iteh.ai/catalog/standards/sist/f0098a02-bfa0-4b4a-90b0-66971c557e66/iec-60893-3-1-2012)

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**Matériaux isolants – Stratifiés industriels rigides en planches à base de résines thermodurcissables à usages électriques –  
Partie 3-1: Spécifications pour matériaux particuliers – Types de stratifiés industriels rigides en planches**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 3-1: Specifications for individual materials –  
Types of industrial rigid laminated sheets**

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International Standard IEC 60893-3-1 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

This third edition cancels and replaces the second edition, published in 2003 and constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition:

- a) addition of new material types according to the third edition of IEC 60893-3-2 (in preparation).