



BSI Standards Publication

Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes

Part 3-6: Specifications for individual materials - Requirements for rigid laminated sheets based on silicone resins (IEC 60893-3-6:2003)

National foreword

This British Standard is the UK implementation of EN 60893-3-6:2004+A2:2018. It is identical to IEC 60893-3-6:2003, incorporating amendment 1:2009 and amendment 2:2017. It supersedes BS EN 60893-3-6:2004+A1:2009, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee GEL/15, Solid electrical insulating materials.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
31 March 2011	Implementation of IEC amendment A1:2009 with CENELEC endorsement A1:2009.
31 August 2018	Implementation of IEC amendment A2:2017 with CENELEC endorsement A2:2018.

English Version

**Insulating materials — Industrial rigid laminated sheets
based on thermosetting resins for electrical purposes
Part 3-6: Specifications for individual materials —
Requirements for rigid laminated sheets based on
silicone resins (IEC 60893-3-6:2003)**

Matériaux isolants — Stratifiés industriels rigides
en planches à base de résines thermodurcissables
à usages électriques Partie 3-6: Spécifications
pour matériaux particuliers — Prescriptions
pour stratifiés rigides en planches à base de
résine silicone (CEI 60893-3-6:2003)

Isolierstoffe — Tafeln aus technischen
Schichtpressstoffen auf der Basis
warmhärtender Harze für elektrotechnische
Zwecke Teil 3-6: Bestimmungen für einzelne
Werkstoffe — Anforderungen für Tafeln
aus Schichtpressstoffen auf der Basis von
Silikonharzen (IEC 60893-3-6:2003)

This European Standard was approved by CENELEC on 2003-12-01. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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European Foreword

The text of document 15C/1526/FDIS, future edition 2 of IEC 60893-3-6, 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 60893-3-6 on 2003-12-01.

This European Standard supersedes EN 60893-3-6:1995.

In this revision of the EN 60893 series of specifications, new material types have been included, changes have been made to the property requirements of some existing types, a new method for testing permittivity and dissipation factor has been added, and 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:

—latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	2004-09-01 (dop)
—latest date by which the national standards conflicting with the EN have to be withdrawn	2006-12-01 (dow)

[Annex ZA](#) has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60893-3-6:2003 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

[IEC 60893-3-1](#) NOTE Harmonized as EN 60893-3-1:2004 (not modified).

Foreword to amendment A1

The text of document 15/492/CDV, future amendment 1 to IEC 60893-3-6:2003, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60893-3-6:2004 on 2009-10-01.

The following dates were fixed:

—latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2010-07-01
—latest date by which the national standards conflicting with the amendment have to be withdrawn	(dow)	2012-10-01

Endorsement notice

The text of amendment 1:2009 to the International Standard IEC 60893-3-6:2003 was approved by CENELEC as an amendment to the European Standard without any modification.

Foreword to amendment A2

The text of document 15/786/CDV, future IEC 60893-3-6/A2, prepared by IEC/TC 15 "Insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60893-3-6:2004/A2:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at (dop) 2018-08-02
national level by publication of an identical national standard
or by endorsement
- latest date by which the national standards conflicting with the (dow) 2021-02-02
document have to be withdrawn

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

Endorsement notice

The text of the International Standard IEC 60893-3-6:2003/A2:2017 was approved by CENELEC as a European Standard without any modification.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60893-1	— 1)	Insulating materials — Industrial rigid laminated sheets based on thermosetting resins for electrical purposes Part 1: Definitions, designations and general requirements	EN 60893-1	— 1)
IEC 60893-2	2003	Part 2: Methods of test	EN 60893-2	— 1)

1) To be published.