



National Standards Authority of Ireland

STANDARD

I.S. EN 60893-1:2004

ICS 29.035.01

**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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EUROPEAN STANDARD

EN 60893-1

NORME EUROPÉENNE

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 -
Stratifiés industriels rigides en planches
à base de résines thermodurcissables
à usages électriques
Partie 1: Définitions, désignations
et exigences générales
(CEI 60893-1:2004)

Isolierstoffe -
Tafeln aus technischen
Schichtpressstoffen
auf der Basis wärmehärtender Harze
für elektrotechnische Zwecke
Teil 1: Definitionen, Bezeichnungen
und allgemeine Anforderungen
(IEC 60893-1:2004)

This European Standard was approved by CENELEC on 2004-03-01. 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, Cyprus, 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.

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

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:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2004-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2007-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60893-1:2004 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 60893-2	- 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	-	-

¹⁾ Undated reference.

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