



NSAI
Standards

Irish Standard
I.S. EN 61249-4-1:2008

"Materials for printed boards and other interconnecting structures -- Part 4-1: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Epoxide woven E-glass prepreg of defined flammability" (IEC 61249-4-1:2008 (EQV))

I.S. EN 61249-4-1:2008

Incorporating amendments/corrigenda issued since publication:

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NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie	Price Code: F
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ICS 31.180

English version

**Materials for printed boards and other interconnecting structures -
Part 4-1: Sectional specification set for prepreg materials, unclad
(for the manufacture of multilayer boards) -
Epoxide woven E-glass prepreg of defined flammability
(IEC 61249-4-1:2008)**

Matériaux pour circuits imprimés
et autres structures d'interconnexion -
Partie 4-1: Série de spécifications
intermédiaires pour matériaux
préimprégnés, non plaqués
(pour la fabrication des circuits
multicouches) -
Tissu de verre époxyde préimprégné
de type E d'inflammabilité définie
(CEI 61249-4-1:2008)

Materialien für Leiterplatten
und andere Verbindungsstrukturen -
Teil 4-1: Rahmenspezifikationen
für unkaschierte Prepreg-Materialien
(zur Herstellung von
Mehrlagenleiterplatten) -
Mit E-Glasgewebe verstärkte
Epoxidharz-Prepregs
mit definierter Brennbarkeit
(IEC 61249-4-1:2008)

This European Standard was approved by CENELEC on 2008-04-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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

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Foreword

The text of document 91/739/FDIS, future edition 1 of IEC 61249-4-1, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-4-1 on 2008-04-01.

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) 2009-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-04-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61249-4-1:2008 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 60194 NOTE Harmonized as EN 60194:2006 (not modified).

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 61189-2	2006	Test methods for electrical materials, interconnection structures and assemblies - Part 2: Test methods for materials for interconnection structures	EN 61189-2	2006
IEC 61189-3	1997	Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3: Test methods for interconnection structures (printed boards)	EN 61189-3 ¹⁾	1997
IEC 61249-2-7	2002	Materials for printed boards and other interconnecting structures - Part 2-7: Reinforced base materials, clad and unclad - Epoxide woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad	EN 61249-2-7 + corr. September	2002 2005
IEC 62326-4	- ²⁾	Printed boards - Part 4: Rigid multilayer printed boards with interlayer connections - Sectional specification	EN 62326-4	1997 ³⁾
ISO 9000	2005	Quality management systems - Fundamentals and vocabulary	EN ISO 9000	2005
ISO 11014-1	1994	Safety data sheet for chemical products - Part 1: Content and order of sections	-	-
ISO 14001	2004	Environmental management systems - Requirements with guidance for use	EN ISO 14001	2004

¹⁾ EN 61189-3 is superseded by EN 61189-3:2008, which is based on IEC 61189-3:2007.

²⁾ Undated reference.

³⁾ Valid edition at date of issue.

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