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**Materiali za tiskane plošče in druge povezovalne strukture - 4-5. del: Skupina področnih specifikacij za prepreg materiale, nepokovinjene - Prepreg z E-stekleno tkanino z modificiranim ali nemodificiranim polimidom z določeno gorljivostjo (IEC 61249-4-5:2005)**

Materials for printed boards and other interconnecting structures – Part 4-5: Sectional specification set for prepreg materials, unclad – Polyimide, modified or unmodified, woven E-glass prepreg of defined flammability (IEC 61249-4-5:2005)

(standards.iteh.ai)

[SIST EN 61249-4-5:2006](https://standards.iteh.ai/catalog/standards/sist/c4b6f54b-0191-4fd7-b513-707409f93a93/sist-en-61249-4-5-2006)

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**Materials for printed boards and other interconnecting structures  
Part 4-5: Sectional specification set for prepreg materials, unclad -  
Polyimide, modified or unmodified,  
woven E-glass prepreg of defined flammability  
(IEC 61249-4-5:2005)**

Matériaux pour circuits imprimés et autres structures d'interconnexion  
Partie 4-5: Série de spécifications intermédiaires pour matériaux préimprégnés, non plaqués – Polyimide, modifié ou non modifié, tissu de verre préimprégné de type E d'inflammabilité définie  
(CEI 61249-4-5:2005)

Materialien für Leiterplatten und andere Verbindungsstrukturen  
Teil 4-5: Rahmenspezifikationen für unkaschierte Prepreg-Materialien – Mit E-Glasgewebe verstärkte Prepregs auf der Basis von modifiziertem oder unmodifiziertem Polyimidharz mit definierter Brennbarkeit  
(IEC 61249-4-5:2005)

<https://standards.iteh.ai/catalog/standards/sist/c4b6f54b-0191-4fd7-b513-707409f93a93/sist-en-61249-4-5-2006>

This European Standard was approved by CENELEC on 2005-09-01. 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 91/527/FDIS, future edition 1 of IEC 61249-4-5, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-4-5 on 2005-09-01.

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) 2006-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-09-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61249-4-5:2005 was approved by CENELEC as a European Standard without any modification.

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## 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 Where 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	1997	Test methods for electrical materials, printed boards and other interconnection structures and assemblies Part 2: Test methods for materials for interconnection structures	EN 61189-2 + corr. August	1997 1997
A1	2000		A1	2000
IEC 61249-2-11	- 1)	Materials for printed boards and other interconnecting structures Part 2-11: Reinforced base materials, clad and unclad - Polyimide, brominated epoxide modified or unmodified, woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad	EN 61249-2-11 + corr. July	2003 <sup>2)</sup> 2005
IEC 61249-6-3	- 3)	Materials for interconnection structures Section 6-3: Sectional specification for reinforcements - Part 3: Woven fibreglass fabrics	-	-
IEC 62326-4	1996	Printed boards Part 4: Rigid multilayer printed boards with interlayer connections - Sectional specification	EN 62326-4	1997
ISO 9000	2000	Quality management systems - Fundamentals and vocabulary	EN ISO 9000	2000
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

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1) Undated reference.

2) Valid edition at date of issue.

3) In preparation.

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# INTERNATIONAL STANDARD

# IEC 61249-4-5

First edition  
2005-09

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## Materials for printed boards and other interconnecting structures –

### Part 4-5: Sectional specification set for prepreg materials, unclad – Polyimide, modified or unmodified, woven E-glass prepreg of defined flammability

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**MATERIALS FOR PRINTED BOARDS AND  
OTHER INTERCONNECTING STRUCTURES –**
**Part 4-5: Sectional specification for prepreg materials, unclad –  
Polyimide, modified or unmodified, woven E-glass prepreg  
of defined flammability**

## FOREWORD

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International Standard IEC 61249-4-5 has been prepared by IEC technical committee 91: Electronics assembly technology.

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

FDIS	Report on voting
91/527/FDIS	91/537/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.