SLOVENSKI STANDARD
SIST EN 61249-4-17:2010

01-januar-2010

Materiali za tiskane ploģļ e in druge povezovalne strukture - 4-17. del: del: Posamezne zahteve za prepreg materiale brez bakrene folije (za izdelavo veļ plastnih ploģļ) - S stekleno tkanino ojaļ en prepreg definirane gorljivosti (navpiļ ni preskus gorljivosti), obdelan z nehalogenirano epoksidno smolo, za montaģo brez svinca (IEC 61249-4-17:2009)

Materials for printed boards and other interconnecting structures -- Part 4-17: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly

Materialien für Leiterplatten und andere Verbindungsstrukturen – Teil 4-17: Rahmenspezifikationen für unkaschierte Prepreg-Materialien (zur Herstellung von Mehrlagenleiterplatten) – Mit E-Glasgewebe verstärkte halogenfreie Epoxidharz-Prepregs mit definierter Brennbarkeit (Brennprüfung mit vertikaler Prüflingslage) für bleifreie Bestückungstechnik

Matériaux pour circuits imprimés et autres structures d'interconnexion -- Partie 4-17: Série de spécifications intermédiaires pour matériaux préimprégnés, non plaqués (pour la fabrication des cartes multicouches) - Tissu de verre époxyde préimprégné non halogéné de type E d'inflammabilité définie (essai de combustion verticale) destiné aux assemblages sans plomb

Ta slovenski standard je istoveten z: **EN 61249-4-17:2009**

ICS:

31.180	Tiskana vezja (TIV) in tiskane ploģļ e	Printed circuits and boards

SIST EN 61249-4-17:2010 **en,fr**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61249-4-17

June 2009

ICS 31.180

English version

Materials for printed boards and other interconnecting structures - Part 4-17: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) - Non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly

(IEC 61249-4-17:2009)

Matériaux pour circuits imprimés et autres structures d'interconnexion - Partie 4-17: Série de spécifications intermédiaires pour matériaux préimprégnés, non plaqués (pour la fabrication des cartes multicouches) - Tissu de verre époxyde préimprégné non halogéné de type E d'inflammabilité définie (essai de combustion verticale) destiné aux assemblages sans plomb (CEI 61249-4-17:2009)

Materialien für Leiterplatten und andere Verbindungsstrukturen - Teil 4-17: Rahmenspezifikationen für unkaschierte Prepreg-Materialien (zur Herstellung von Mehrlagenleiterplatten) - Mit E-Glasgewebe verstärkte halogenfreie Epoxidharz-Prepregs mit definierter Brennbarkeit (Brennprüfung mit vertikaler Prüflingslage) für bleifreie Bestückungstechnik (IEC 61249-4-17:2009)

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CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 61249-4-17:2009 E

Foreword

The text of document 91/853/FDIS, future edition 1 of IEC 61249-4-17, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-4-17 on 2009-06-01.

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)	2010-03-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2012-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61249-4-17:2009 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 60194	NOTE	Harmonized as EN 60194:2006 (not modified).
IEC 61249-2-7	NOTE	Harmonized as EN 61249-2-7:2002 (not modified).
IEC 61249-2-8	NOTE	Harmonized as EN 61249-2-8:2003 (not modified).
ISO 9000	NOTE	Harmonized as EN ISO 9000:2005 (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.

Publication	Year	Title	EN/HD	Year
IEC 61189-2	2006	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	2006
IEC 61249-2-38	-[1]	Materials for printed boards and other interconnecting structures - Part 2-38: Reinforced base materials, clad and unclad - Non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly	EN 61249-2-38	2009[2]
IEC 62326-4	-[1]	Printed boards - Part 4: Rigid multilayer printed boards with interlayer connections - Sectional specification	EN 62326-4	1997[2]
ISO 11014-1	1994	Safety data sheet for chemical products - Part 1: Content and order of sections	-	-

[1] Undated reference.

[2] Valid edition at date of issue.

IEC 61249-4-17

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INTERNATIONAL STANDARD

Materials for printed boards and other interconnecting structures – Part 4-17: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) – Non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly

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FOREWORD

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International Standard IEC 61249-4-17 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
91/853/FDIS	91/865/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.

A list of all parts of the IEC 61249 series, under the general title *Materials for printed boards and other interconnecting structures*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.