SLOVENSKI STANDARD

SIST EN 61249-2-6:2004

september 2004

Materiali za tiskane plošče in druge povezovalne strukture –2-6. del: Pokovinjeni in nepokovinjeni ojačeni osnovni materiali – Z bakrom pokovinjeni laminat z določeno gorljivostjo (navpični preskus gorljivosti), ojačen z bromiranim epoksidnimnetkanim/tkanim E-steklom (IEC 61249-2-6:2003)*

Materials for printed boards and other interconnecting structures - Part 2-6: Reinforced base materials, clad and unclad - Brominated epoxide non-woven/woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad (IEC 61249-2-6:2003)

ICS 31.180

Referenčna številka
SIST EN 61249-2-6:2004(en)

EUROPEAN STANDARD **EN 61249-2-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM December 2003

ICS 31.180

English version

Materials for printed boards and other interconnecting structures Part 2-6: Reinforced base materials, clad and unclad – Brominated epoxide non-woven/woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

(IEC 61249-2-6:2003)

Matériaux pour circuits imprimés et autres structures d'interconnexion
Partie 2-6: Matériaux de base renforcés, plaqués et non plaqués –
Feuilles stratifiées renforcées en verre de type E époxyde bromé tissé/non tissé, d'inflammabilité définie (essai de combustion verticale), plaquées cuivre
(CEI 61249-2-6:2003)

Materialien für Verbindungsstrukturen
Teil 2-6: Kaschierte und unkaschierte verstärkte Basismaterialien –
Kupferkaschierte mit E-Glaswirrfaser-Innenlagen und E-Glasgewebe-Außenlagen verstärkte Laminattafeln auf der Basis von bromiertem Epoxidharz mit definierter Brennbarkeit (Brennprüfung mit vertikaler Prüflingslage)
(IEC 61249-2-6:2003)

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.

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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

Ref. No. EN 61249-2-6:2003 E

Foreword

The text of document 91/411/FDIS, future edition 1 of IEC 61249-2-6, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61249-2-6 on 2003-12-01.

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) 2004-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-12-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annexes A, B and C are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61249-2-6:2003 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 + corr. June	1997 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
IEC 61249-5-1	1995	Materials for interconnection structures Part 5: Sectional specification set for conductive foils and films with or without coatings - Section 1: Copper foils (for the manufacture of copper-clad base materials)	EN 61249-5-1	1996
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	1996	Environmental management systems Specification with guidance for use	EN ISO 14001	1996

NORME INTERNATIONALE

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Matériaux pour circuits imprimés et autres structures d'interconnexion –

Partie 2-6:
Matériaux de base renforcés, plaqués et non plaqués – Feuilles stratifiées renforcées en verre de type E époxyde bromé tissé/non tissé, d'inflammabilité définie (essai de combustion verticale), plaquées cuivre

Materials for printed boards and other interconnecting structures –

Part 2-6:
Reinforced base materials, clad and unclad – Brominated epoxide non-woven/woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

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Международная Электротехническая Комиссия

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FOREWORD

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International Standard IEC 61249-2-6 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
91/411/FDIS	91/427/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.

IEC 61249-2 consists of the following parts, under the general title *Materials for printed boards and other interconnecting structures – Part 2: Reinforced base materials, clad and unclad:*

Part 2-1: Phenolic cellulose paper laminate, economic grade

Part 2-2: Phenolic cellulose paper reinforced laminated sheets, high electrical grade, copper-clad

Part 2-4: Polyester non-woven/woven fibreglass laminated sheet of defined flammability (vertical burning test), copper-clad

Part 2-5: Brominated epoxide cellulose paper reinforced core/woven E-glass reinforced surfaces-laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-6: Brominated epoxide non-woven/woven, E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-7: Epoxide woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad

Part 2-8: Modified brominated epoxide woven fibreglass reinforced laminated sheets of defined flammability (vertical burning test), copper clad

Part 2-9: Bismaleimide/triazine, modified epoxide or unmodified, woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-10: Cyanate ester, brominated epoxide, modified or unmodified, woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-11: Polyimide, brominated epoxide modified or unmodified, woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-12: Epoxide non-woven aramid laminate of defined flammability, copper-clad

Part 2-13: Cyanate ester non-woven aramid laminate of defined flammability, copper-clad

Part 2-18: Polyester non-woven fibreglass reinforced laminated sheet of defined flammability (vertical burning test), copper-clad

Part 2-19: Epoxide cross-plied linear fibreglass-reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-21: Non-halogenated epoxide woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad

Part 2-22: Modified non-halogenated epoxide woven E-glass laminated sheets of defined flammablity (vertical burning test), copper-clad[1]

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[1] Under consideration.