



SLOVENSKI STANDARD
SIST EN 61332:2002
01-september-2002

Soft ferrite material classification (IEC 61332:1995)

Soft ferrite material classification

Werkstoffeigenschaften von Ferritmaterialien

Classification des matériaux ferrites doux

Ta slovenski standard je istoveten z: EN 61332:1997

ITeH STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

ICS:

29.030 Magnetni materiali Magnetic materials

SIST EN 61332:2002 **en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61332:2002

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61332

September 1997

ICS 29.030

Descriptors: Soft ferrite material, classification, main classes, subclasses

English version

**Soft ferrite material classification
(IEC 61332:1995)**

Classification des matériaux ferrites
doux
(CEI 61332:1995)

Werkstoffeigenschaften von Ferriten
(IEC 61332:1995)

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN 61332:2002](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002)

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

This European Standard was approved by CENELEC on 1997-07-01. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 the International Standard IEC 61332:1995, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the formal vote and was approved by CENELEC as EN 61332 on 1997-07-01 without any modification.

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) 1998-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1998-06-01

Endorsement notice

The text of the International Standard IEC 61332:1995 was approved by CENELEC as a European Standard without any modification.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61332:2002

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>



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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050(221)	1990	International Electrotechnical Vocabulary (IEV) -- Chapter 221: Magnetic materials and components	-	-
IEC 60401	1993	Ferrite materials - Guide on the format of data appearing in manufacturers catalogues of transformer and inductor cores	-	-

SIST EN 61332:2002

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61332:2002

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1332

Première édition
First edition
1995-09

Classification des matériaux
ferrites doux

Soft ferrite material

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 61332:2002](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002)

<https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002>

© CEI 1995 Droits de reproduction réservés — Copyright — all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève, Suisse



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

G

Pour prix, voir catalogue en vigueur
For price, see current catalogue

CONTENTS

	Page
FOREWORD	5
Clause	
1 Scope	7
2 Normative references	7
3 Classification	7
3.1 Material classification	7
3.2 Main classes	9
3.3 Subclasses	9
4 Soft ferrite material classes	9
4.1 Materials used mainly in open magnetic circuits, OP class	9
4.2 Materials used mainly in closed magnetic circuits at low flux density application(s) ($B \leq 5$ mT), CL class	11
4.3 Materials used mainly in closed magnetic circuits at high flux density application(s), PW class	13

[SIST EN 61332:2002](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002)
[https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-
badeb448c896/sist-en-61332-2002](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-badeb448c896/sist-en-61332-2002)

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SOFT FERRITE MATERIAL CLASSIFICATION

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

(standards.iteh.ai)

International Standard IEC 1332 has been prepared by technical committee 51: Magnetic components and ferrite materials. [SIST EN 61332:2002](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-412b49494949)

[https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-](https://standards.iteh.ai/catalog/standards/sist/8f7d6663-2809-462a-85b5-412b49494949)

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

DIS	Report on voting
51/381/DIS	51/408/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.