



SLOVENSKI STANDARD
SIST EN 61100:1997

01-oktober-1997

**Classification of insulating liquids according to fire point and net calorific value
(IEC 110:1992)**

Classification of insulating liquids according to fire point and net calorific value

Einteilung von Isolierflüssigkeiten nach dem Brennpunkt und dem spezifischen Heizwert

Classification des isolants liquides selon le point de feu et le pouvoir calorifique inférieur

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Ta slovenski standard je istoveten z: EN 61100:1992

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ICS:

29.040.10 Izolacijska olja Insulating oils

SIST EN 61100:1997 **en**

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EUROPEAN STANDARD

EN 61100

NORME EUROPEENNE

EUROPÄISCHE NORM

July 1992

UDC 621.315.615:536.4:614.83

Descriptors: Liquid electrical insulating materials, classification,
fire point, calorific value, designation

ENGLISH VERSION

Classification of insulating liquids according
to fire point and net calorific value
(IEC 1100:1992)

Classification des isolants
liquides selon le point de feu
et le pouvoir calorifique
inférieur
(CEI 1100:1992)

Klassifikation von
Isolierflüssigkeiten nach dem
Brandverhalten und unteren
Heizwert
(IEC 1100:1992)

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SIST EN 61100:1997

This European Standard was approved by CENELEC on 1992-03-24.
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 document 10(CO)261, as prepared by IEC Technical Committee N° 10: Fluids for electrotechnical applications, was submitted to the IEC-CENELEC parallel vote in July 1991.

The reference document was approved by CENELEC as EN 61100 on 24 March 1992.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1993-05-01
- latest date of withdrawal of
conflicting national standards (dow) 1993-05-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

ENDORSEMENT NOTICE iTeh STANDARD PREVIEW (standards.iteh.ai)

The text of the International Standard IEC 1100:1992 was approved by CENELEC as a European Standard without any modification.

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ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
-----	----	-----	-----	----
76-2 (mod)	1976	Power transformers Part 2: Temperature rise	HD 398.2 S1 + A1	1980 1988

Other publications

ISO 2592:1973 - Petroleum products - Determination of flash and fire-points
Cleveland open cup method

ISO 1928:1976 - Solid mineral fuels - Determination of gross calorific value by the
calorimeter bomb method, and calculation of net calorific value

ASTM D 240:1985 - Heat of combustion of liquid hydrocarbon fuels by bomb calorimeter

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61100

Première édition
First edition
1992-05

**Classification des isolants liquides selon
le point de feu et le pouvoir calorifique inférieur**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CLASSIFICATION OF INSULATING LIQUIDS
ACCORDING TO FIRE-POINT
AND NET CALORIFIC VALUE

FOREWORD

- 1) 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.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

iTeh STANDARD PREVIEW

This International Standard has been prepared by IEC Technical Committee No. 10: Fluids for electrotechnical applications.

[SIST EN 61100:1997](#)

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

DIS	Report on Voting
10(CO)261	10(CO)266

Full information on the voting for the approval of this standard can be found in the Voting Report indicated in the above table.