



SLOVENSKI STANDARD
SIST EN 61197:1997

01-avgust-1997

**Insulating liquids - Linear flame propagation - Test method using a glass-fibre tape
(IEC 1197:1993)**

Insulating liquids - Linear flame propagation - Test method using a glass-fibre tape

Isolierflüssigkeiten - Lineare Flammenausbreitung - Prüfverfahren unter Verwendung
eines Glasfaserbandes

Isolants liquides - Propagation linéaire de la flamme - Méthode d'essai utilisant un ruban
en fibres de verre

iTeh STANDARD PREVIEW

(standards.iteh.ai)

[SIST EN 61197:1997](https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-5c998ccabbce/sist-en-61197-1997)

Ta slovenski standard je istoveten z: EN 61197:1994

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-5c998ccabbce/sist-en-61197-1997>

ICS:

29.040.01 Izolacijski fluidi na splošno Insulating fluids in general

SIST EN 61197:1997

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61197:1997

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998e8abbee/sist-en-61197-1997>

EUROPEAN STANDARD

EN 61197

NORME EUROPEENNE

EUROPAISCHE NORM

November 1994

ICS 29.040.20

Descriptors: Liquid electrical insulating materials, tests, measurements, flame propagation, tapes, glass fibres, characteristics

ENGLISH VERSION

Insulating liquids - Linear flame propagation
Test method using a glass-fibre tape
(IEC 1197:1993)

Isolants liquides - Propagation
linéaire de la flamme - Méthode
d'essai utilisant un ruban en
fibres de verre
(CEI 1197:1993)

Isolierflüssigkeiten - Lineare
Flammenausbreitung
Prüfverfahren unter Verwendung
eines Glasfaserbandes
(IEC 1197:1993)

This European Standard was approved by CENELEC on 1994-07-05. 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

© 1994 Copyright reserved to CENELEC members

Ref. No. EN 61197:1994 E

FOREWORD

The text of document 10(CO)268, as prepared by IEC Technical Committee 10: Fluids for electrotechnical applications, was submitted to the IEC-CENELEC parallel vote in October 1992.

The reference document was approved by CENELEC as EN 61197 on 5 July 1994.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1995-07-01
- latest date of withdrawal of
conflicting national standards (dow) 1995-07-01

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 1197:1993 was approved by CENELEC as a European Standard without any modification.

SIST EN 61197:1997

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998a8abbce/sist-en-61197-1997>

ANNEX ZA (normative)

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

NOTE : 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
-----	----	-----	-----	----
695-2-4/0	1991	Fire hazard testing - Part 2: Test methods - Section 4/sheet 0: Diffusion type and premixed type flame test methods	EN 60695-2-4/0	1993
695-2-4/2	1994	Section 4/sheet 2: 500 W nominal test flames and guidance	-	-

ITEH STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 61197:1997

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998e8abbee/sist-en-61197-1997>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 61197:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998e8abbee/sist-en-61197-1997>

NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1197

Première édition
First edition
1993-09

Isolants liquides – Propagation linéaire de
la flamme – Méthode d'essai utilisant un ruban
en fibres de verre

iTeh STANDARD PREVIEW
(standard in progress)
Insulating liquids – Linear flame propagation –
Test method using a glass-fibre tape

SIST EN 61197:1997

<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998e8abbee/sist-en-61197-1997>

© CEI 1993 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

K

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

CONTENTS

	Page
FOREWORD	5
INTRODUCTION	7
Clause	
1 Scope	9
2 Normative references	9
3 Summary of method	9
4 Test liquid	9
5 Apparatus	11
6 Procedure	13
7 Report	17
Figures	18

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 61197:1997
<https://standards.iteh.ai/catalog/standards/sist/16a0c13a-45ac-4d99-9668-3e998e8abbee/sist-en-61197-1997>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

INSULATING LIQUIDS – LINEAR FLAME PROPAGATION –
TEST METHOD USING A GLASS-FIBRE TAPE

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.

International Standard IEC 1197 has been prepared by IEC technical committee 10: Fluids for electrotechnical applications.

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

DIS	Report on voting
10(CO)268	10(CO)276

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