



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60587:2007**

ICS 17.220.99  
29.035.01

**ELECTRICAL INSULATING MATERIALS  
USED UNDER SEVERE AMBIENT  
CONDITIONS - TEST METHODS FOR  
EVALUATING RESISTANCE TO TRACKING  
AND EROSION (IEC 60587:2007 (EQV))**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60587**

July 2007

ICS 17.220.99; 29.035.01

English version

**Electrical insulating materials  
used under severe ambient conditions -  
Test methods for evaluating resistance to tracking and erosion  
(IEC 60587:2007)**

Matériaux isolants électriques utilisés  
dans des conditions ambiantes sévères -  
Méthodes d'essai pour évaluer  
la résistance au cheminement  
et à l'érosion  
(CEI 60587:2007)

Elektroisolierstoffe, die unter erschwerten  
Bedingungen eingesetzt werden -  
Prüfverfahren zur Bestimmung  
der Beständigkeit gegen  
Kriechwegbildung und Erosion  
(IEC 60587:2007)

This European Standard was approved by CENELEC on 2007-06-01. 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.

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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**

## Foreword

The text of document 112/56/FDIS, future edition 3 of IEC 60587, prepared by IEC TC 112, Evaluation and qualification of electrical insulating materials and systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60587 on 2007-06-01.

This European Standard supersedes HD 380 S2:1987.

The main changes from HD 380 S2:1987 are as follows:

- experience has indicated the need for improved description of the experimental method;
- for the preparation of the test specimens, abrasion is recommended only if necessary;
- the ventilation of the test chamber is described in detail;
- for specimens of soft elastomeric materials a mounting support is described;
- the maximum depth of erosion has to be reported in the classification.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented<br>at national level by publication of an identical<br>national standard or by endorsement | (dop) | 2008-03-01 |
| – latest date by which the national standards conflicting<br>with the EN have to be withdrawn  | (dow) | 2010-06-01 |

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## Endorsement notice

The text of the International Standard IEC 60587:2007 was approved by CENELEC as a European Standard without any modification.

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# INTERNATIONAL STANDARD

**IEC**  
**60587**

Third edition  
2007-05

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**Electrical insulating materials  
used under severe ambient conditions –  
Test methods for evaluating resistance  
to tracking and erosion**



Reference number  
IEC 60587:2007(E)



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