



National Standards Authority of Ireland

STANDARD

I.S. EN 60811-5-1:2000

ICS 29.060.20

**INSULATING AND SHEATHING MATERIALS OF
ELECTRIC AND OPTICAL FIBRE CABLES.**

COMMON TEST METHODS. PART 5:

METHODS SPECIFIC TO FILLING

COMPOUNDS – SECTION 1: DROP POINT -

SEPARATION OF OIL - LOWER

TEMPERATURE BRITTLINESS. TOTAL ACID

NUMBER - ABSENCE OF CORROSIVE

COMPONENTS - PERMITTIVITY AT 23°C

D.C. RESISTIVITY AT 23°C AND 100°C

(IEC 60811-5-1:1990, MODIFIED)

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800

Tel: (01) 807 3838

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland
and comes into effect on:*

January 7, 2000

NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW

© NSAI 2000

Price Code J



National Standards Authority of Ireland

AMENDMENT

I.S. EN 60811-5-1/A1:2004

ICS 29.035.01;

INSULATING AND SHEATHING MATERIALS

OF ELECTRIC AND OPTICAL CABLES -

COMMON TEST METHODS, PART 5-1:

METHODS SPECIFIC TO FILLING

COMPOUNDS - DROP POINT - SEPARATION

OF OIL - LOWER TEMPERATURE

BRITTLENESS - TOTAL ACID NUMBER -

ABSENCE OF CORROSIVE COMPONENTS -

PERMITTIVITY AT 23 °C - D.C. RESISTIVITY AT

23 °C AND 100 °C (IEC

60811-5-1:1990/A1:2003)

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
April 2, 2004*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2004

Price Code D

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60811-5-1/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2004

ICS 29.035.01; 29.035.20; 29.060.20

English version

**Insulating and sheathing materials of electric and optical cables -
Common test methods**

**Part 5-1: Methods specific to filling compounds -
Drop point - Separation of oil - Lower temperature brittleness -
Total acid number - Absence of corrosive components -
Permittivity at 23 °C - D.C. resistivity at 23 °C and 100 °C
(IEC 60811-5-1:1990/A1:2003)**

Matériaux d'isolation et de gainage des câbles
électriques et des câbles optiques -
Méthodes d'essais communes
Partie 5-1: Méthodes spécifiques pour les
matières de remplissage - Point de goutte -
Séparation d'huile - Fragilité à basse
température - Indice d'acide total -
Absence de composés corrosifs -
Permittivité à 23 °C - Résistivité en courant
continu à 23° C et 100° C
(CEI 60811-5-1:1990/A1:2003)

Isolier- und Mantelwerkstoffe für Kabel und
isolierte Leitungen -
Allgemeine Prüfverfahren
Teil 5-1: Besondere Prüfverfahren für
Füllmassen - Tropfpunkt - Ölabscheidung -
Kälterissbeständigkeit - Gesamtsäurezahl -
Abwesenheit korrosiver Bestandteile -
Dielektrizitätskonstante bei 23 °C -
Gleichstromwiderstand bei 23 °C und 100 °C
(IEC 60811-5-1:1990/A1:2003)

This amendment A1 modifies the European Standard EN 60811-5-1:1999; it was approved by CENELEC on 2004-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 20/650/FDIS, future amendment 1 to IEC 60811-5-1:1990, prepared by IEC TC 20, Electric cables, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60811-5-1:1999 on 2004-03-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2004-12-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2007-03-01

Endorsement notice

The text of amendment 1:2003 to the International Standard IEC 60811-5-1:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-