

Test methods for the determination of bond strength of impregnating agents to an enamelled wire substrate

The European Standard EN 61033:2006 has the status of a
British Standard

ICS 17.220.99; 29.035.01

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 61033:2006. It is identical with IEC 61033:2006.

The UK participation in its preparation was entrusted by Technical Committee GEL/15, Material specifications, to Subcommittee GEL/15/3, Resins and varnishes.

A list of organizations represented on GEL/15/3 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2007

© BSI 2007

ISBN 978 0 580 50057 2

Amendments issued since publication

Amd. No.	Date	Comments

**Test methods for the determination of bond strength
of impregnating agents to an enamelled wire substrate**
(IEC 61033:1991 + A1:2006)

Méthodes d'essai pour la détermination
du pouvoir agglomérant des agents
d'imprégnation sur fil émaillé
(CEI 61033:1991 + A1:2006)

Prüfverfahren zur Bestimmung
der Verbackungsfestigkeit
von Imprägniermitteln auf einem
Lackdraht-Substrat
(IEC 61033:1991 + A1:2006)

This European Standard was approved by CENELEC on 2006-11-01. 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, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 61033:1991 + A1:2006, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61033 on 2006-11-01 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) 2007-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61033:1991 + A1:2006 was approved by CENELEC as a European Standard without any modification.

CONTENTS

1	Scope	5
2	Methods of test.....	5
2.1	Method A: twisted coil test	5
2.2	Method B: helical coil test	6
2.3	Method C: wire bundle test	7
Annex ZA (normative) Normative references to international publications with their corresponding European publications.....		17

INTRODUCTION

This standard deals with three methods of test to determine the bond strength of impregnating agents in conjunction with enamelled wire substrates.

The methods are as follows:

- 1) Twisted coil test: method A
- 2) Helical coil test: method B
- 3) Wire bundle test: method C