



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60455-3-1:2003**

ICS 29.035.01

**RESIN BASED REACTIVE COMPOUNDS USED  
FOR ELECTRICAL INSULATION  
PART 3: SPECIFICATIONS FOR INDIVIDUAL  
MATERIALS  
SHEET 1: UNFILLED EPOXY RESINOUS  
COMPOUNDS  
(IEC 60455-1:2003)**

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EUROPEAN STANDARD

**EN 60455-3-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2003

ICS 29.035.01

Supersedes HD 307.3.1 S1:1986

English version

**Resin based reactive compounds used for electrical insulation**  
**Part 3: Specifications for individual materials**  
**Sheet 1: Unfilled epoxy resinous compounds**  
(IEC 60455-3-1:2003)

Composés réactifs à base de résines  
utilisés comme isolants électriques  
Partie 3: Spécifications pour matériaux  
particuliers  
Feuille 1: Composés résineux époxydes  
sans charge  
(CEI 60455-3-1:2003)

Reaktionsharzmassen für die  
Elektroisolierung  
Teil 3: Anforderungen an einzelne  
Werkstoffe  
Blatt 1: Ungefüllte Epoxidharzmassen  
(IEC 60455-3-1:2003)

This European Standard was approved by CENELEC on 2003-06-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 15C/1461/FDIS, future edition 2 of IEC 60455-3-1, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60455-3-1 on 2003-06-01.

This European Standard replaces HD 307.3.1 S1:1986.

References to HD 307.2 S1:1986 have been updated to EN 60455-2:1999 and a new product, EP-U-7, has been introduced.

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) 2004-03-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-06-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60455-3-1:2003 was approved by CENELEC as a European Standard without any modification.

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## **Annex ZA**

(normative)

### **Normative references to international publications with their corresponding 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 (including amendments).

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60455-2	1998	Resin based reactive compounds used for electrical insulation Part 2: Methods of test	EN 60455-2	1999



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