INTERNATIONAL STANDARD

IEC 60672-3

Second edition
1997-10

Ceramic and glass-insulating materials –

Part 3:
Specifications for individual materials

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*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CERAMIC AND GLASS-INSULATING MATERIALS –

Part 3: Specifications for individual materials

FOREWORD

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International Standard IEC 60672-3 has been prepared by subcommittee 15C: Specifications, of IEC technical committee 15: Insulating materials.

This second edition cancels and replaces the first edition published in 1984 and constitutes a technical revision.

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

FDIS	Report on voting
15C/793/FDIS	15C/841/RVD

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

INTRODUCTION

This part of IEC 60672 is one of a series which deals with ceramic, glass, glass-ceramic and glass-mica materials for electrical insulating purposes. The series consists of three parts:

– Part 1: Definitions and classification (IEC 60672-1);
– Part 2: Methods of test (IEC 60672-2);
– Part 3: Specifications for individual materials (IEC 60672-3).

As outlined in the foreword to IEC 60672-1, the intention has been to remove redundant class C830, and to include a range of new materials currently used commercially for electrical insulation. A full list appears in IEC 60672-1.

This part of IEC 60672 describes the typical properties of electrically insulating ceramics for use as satisfactory insulating components. Certain items are indicated with maximum or minimum values. These items may be used as a property specification that may be applied to test pieces. In using this standard as a minimum specification, the user should appreciate that because test pieces and final components may not have equivalent properties as a result of fabrication and geometrical factors, the specification of the final product should be based on actual requirements, and not on this materials specification alone.

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