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**Insulating materials –
Industrial rigid round laminated tubes
and rods based on thermosetting resins
for electrical purposes –**

**Part 3:
Specifications for individual materials –
Sheet 3: Round laminated moulded rods**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INSULATING MATERIALS –
INDUSTRIAL RIGID ROUND LAMINATED TUBES AND RODS
BASED ON THERMOSETTING RESINS FOR ELECTRICAL PURPOSES –****Part 3: Specifications for individual materials –
Sheet 3: Round laminated moulded rods**

FOREWORD

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International Standard IEC 61212-3-3 has been prepared by IEC technical committee 15: Standards on specifications for electrical insulating materials.

This second edition cancels and replaces the first edition published in 1995 and constitutes a technical revision. The main changes from the previous edition are as follows: added application use and safety statements. Reformatted document to bring it up to current IEC document format. Type EP GC 43 has been added.

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

FDIS	Report on voting
15/329/FDIS	15/344/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.

A list of all parts of the IEC 61212 series, under the general title *Insulating materials – Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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**Part 3: Specifications for individual materials –
Sheet 3: Round laminated moulded rods**

1 Scope

This part of IEC 61212-3 gives requirements for industrial rigid round laminated moulded rods for electrical purposes, based on different resins and different reinforcements.

Applications and distinguishing properties are given in Table 1.

Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in the application and not based on this specification alone.

Safety Warning:

It is the responsibility of the user of the methods contained or referred to in this document to ensure that they are used in a safe manner.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61212-1, *Insulating material – Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes – Part 1: Definitions, designations and general requirements*

IEC 61212-2:2006, *Insulating materials – Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes – Part 2: Methods of test*

ISO 472, *Plastics – Vocabulary*