

**SLOVENSKI STANDARD**  
**SIST EN 61212-3-3:2007****01-november-2007****BUXca Yý U****SIST EN 61212-3-3:1998**

nc`UW'g\_]`a UHf]U]É`bXi gf]`g\_Y'hc[ Y'c\_fc[ `Y`Ua ]b]fUbYWj ]]b`dU]W]n'hc'd`c'hc  
i f'Yb] `ga c`nUY\_Y\_f] bY'bUa YbYÉ' "XY.'GdYWZ\_UW'Y'nU'dcgUa YnbY'a UHf]UY  
É' ""]gh`C\_fc[ `Y`Ua ]b]fUbYi `]h'dU]W'f'97 '\*%&%'!''.&\$\*\$Ł

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 (IEC 61212-3-3:2006)

Isolierstoffe - Runde Rohre und Stäbe aus technischen Schichtpressstoffen auf der Basis warmhärtender Harze für elektrotechnische Zwecke -- Teil 3: Bestimmungen für einzelne Werkstoffe -- Blatt 3: Runde, formgepresste Stäbe (IEC 61212-3-3:2006)

Matériaux isolants - Tubes et barres industriels rigides, ronds, stratifiés, a base de résines thermodurcissables, a usages électriques -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 3: Barres rondes, stratifiées, moulées (IEC 61212-3-3:2006)

**Ta slovenski standard je istoveten z: EN 61212-3-3:2006**

**ICS:**

29.035.01 Izolacijski materiali na splošno Insulating materials in general

**SIST EN 61212-3-3:2007****en,de**

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English version

**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  
(IEC 61212-3-3:2006)**

Matériaux isolants -  
Tubes et barres industriels rigides,  
ronds, stratifiés, à base de résines  
thermodurcissables, à usages électriques  
Partie 3: Spécifications  
pour matériaux particuliers  
Feuille 3: Barres rondes,  
stratifiées, moulées  
(CEI 61212-3-3:2006)

Isolierstoffe -  
Runde Rohre und Stäbe aus technischen  
Schichtpresstoffen auf der Basis  
warmhärtender Harze  
für elektrotechnische Zwecke  
Teil 3: Bestimmungen  
für einzelne Werkstoffe  
Blatt 3: Runde, formgepresste Stäbe  
(IEC 61212-3-3:2006)

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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 document 15/329/FDIS, future edition 2 of IEC 61212-3-3, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61212-3-3 on 2006-09-01.

This European Standard supersedes EN 61212-3-3:1995.

The main changes from EN 61212-3-3:1995 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 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) 2007-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-09-01

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61212-3-3:2006 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

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**Annex ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

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.

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 61212-1	- <sup>1)</sup>	Insulating materials - Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes Part 1: Definitions, designations and general requirements	EN 61212-1	2006 <sup>2)</sup>
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	- <sup>1)</sup>	Plastics - Vocabulary	EN ISO 472	2001 <sup>2)</sup>

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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# INTERNATIONAL STANDARD

# IEC 61212-3-3

Second edition  
2006-08

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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, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland  
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: [inmail@iec.ch](mailto:inmail@iec.ch) Web: [www.iec.ch](http://www.iec.ch)



Commission Electrotechnique Internationale  
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Международная Электротехническая Комиссия

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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

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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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.