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[SIST EN 60819-3-3:2012](#)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60819-3-3

October 2011

ICS 29.035.10

Supersedes EN 60819-3-3:2006

English version

**Non-cellulosic papers for electrical purposes -
Part 3: Specifications for individual materials -
Sheet 3: Unfilled aramid (aromatic polyamide) papers
(IEC 60819-3-3:2011)**

Papiers non cellulosiques pour usages
électriques -
Partie 3: Spécifications pour matériaux
particuliers -
Feuille 3: Papiers en aramide non chargé
(polyamide aromatique)
(CEI 60819-3-3:2011)

Zellulosefreie Papiere für
elektrotechnische Zwecke -
Teil 3: Bestimmungen für einzelne
Materialien -
Blatt 3: Ungefüllte Aramid-(aromatische
Polyamid-)Papiere
(IEC 60819-3-3:2011)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, 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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 15/619/CDV, future edition 3 of IEC 60819-3-3, prepared by IEC TC 15, "Solid electrical insulating materials", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60819-3-3:2011.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-07-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-10-18

This document supersedes EN 60819-3-3:2006.

EN 60819-3-3:2011 includes the following significant technical changes with respect to EN 60819-3-3:2006:

– normative references change: all the requirements are now determined according the clauses of test methods from EN 60819-2 specific for non cellulosic papers, instead of EN 60554-2:2002 generally valid for cellulosic papers;

– some new, very thin thicknesses, of type 4, calendered paper with lower density for laminating, were added.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60819-3-3:2011 was approved by CENELEC as a European Standard without any modification.

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 60819-1	-	Non-cellulosic papers for electrical purposes - Part 1: Definitions and general requirements	EN 60819-1	-
IEC 60819-2	2001	Non-cellulosic papers for electrical purposes - Part 2: Methods of test	EN 60819-2	2001
ISO 186	2002	Paper and board - Sampling to determine average quality	EN ISO 186	2002

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IEC 60819-3-3

Edition 3.0 2011-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Non-cellulosic papers for electrical purposes –
Part 3: Specifications for individual materials – Sheet 3: Unfilled aramid
(aromatic polyamide) papers**

**Papiers non cellulosiques pour usages électriques –
Partie 3: Spécifications pour matériaux particuliers – Feuille 3: Papiers en
aramide non chargé (polyamide aromatique)**

INTERNATIONAL
ELECTROTECHNICAL
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NON-CELLULOSIC PAPERS FOR ELECTRICAL PURPOSES –

**Part 3: Specifications for individual materials –
Sheet 3: Unfilled aramid (aromatic polyamide) papers**

FOREWORD

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International Standard IEC 60819-3-3 has been prepared by IEC technical committee 15: Solid electrical Insulating materials.

This third edition cancels and replaces the second edition published in 2006. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:

- normative references change: all the requirements are now determined according the clauses of test methods from IEC 60819-2 specific for non cellulosic papers, instead of IEC 60554-2:2001 generally valid for cellulosic papers;
- some new, very thin thicknesses, of type 4, calendered paper with lower density for laminating, were added.

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

CDV	Report on voting
15/619/CDV	15/645/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 60819 series, under the general title *Non-cellulosic papers 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 stability 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.

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