

Laminated pressboard for electrical purposes - Part 1: Definitions, classification and general requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 60763-1:2011 sisaldab Euroopa standardi EN 60763-1:2011 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 28.02.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.02.2011.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 60763-1:2011 consists of the English text of the European standard EN 60763-1:2011.

This standard is ratified with the order of Estonian Centre for Standardisation dated 28.02.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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English version

**Laminated pressboard for electrical purposes -
Part 1: Definitions, classification and general requirements
(IEC 60763-1:2010)**

Cartons comprimés et contrecollés à
usages électriques -
Partie 1: Définitions, classification et
exigences générales
(CEI 60763-1:2010)

Blockspan für elektrotechnische
Anwendungen -
Teil 1: Begriffe, Einteilung und allgemeine
Anforderungen
(IEC 60763-1:2010)

This European Standard was approved by CENELEC on 2011-01-02. 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.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 15/536/CDV, future edition 2 of IEC 60763-1, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60763-1 on 2011-01-02.

This European Standard supersedes EN 60763-1:1996.

The main changes with respect to EN 60763-1:1996 are as follows:

- the specification was brought in line with EN 60641-1:2008.

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

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) 2011-10-02
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-01-02

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60763-1:2010 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**

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 60641-1	2007	Pressboard and presspaper for electrical purposes - Part 1: Definitions and general requirements	EN 60641-1	2008

LAMINATED PRESSBOARD FOR ELECTRICAL PURPOSES –

Part 1: Definitions, classification and general requirements

1 Scope

This part of IEC 60763 contains the definitions required for the understanding of all three parts of IEC 60763, the classification of material into types, and the general requirements applicable to all material covered by the standard.

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 that application and not based on this specification alone.

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 60641-1:2007, *Pressboard and presspaper for electrical purposes – Part 1: Definitions and general requirements*

3 Terms and definitions

For the purposes of this document the following definitions apply:

3.1

pressboard

board normally made on an intermittent board machine from pulp made entirely from vegetable origin of high chemical purity. It is characterized by its relatively high density, even thickness, surface smoothness, high mechanical strength, flexibility, ageing resistance and electrical insulating properties. The surface may be smooth or textured

3.2

laminated pressboard

board built up from sheets of pressboard bonded with an adhesive

4 Classification

Based on compositions and properties, this standard covers the types of laminated pressboard shown in Table 1. The designation of types is the same as that given in IEC 60641-1; in addition, “L” is shown for “laminated” (for example LB0.1). To the description of the types some examples of known applications are added without implying any restriction on other possible applications.