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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19264.3-2013

Replacing GB/T 19264.3-2003

**Pressboard and press paper for electrical purposes -- Part 3:
Requirements for pressboard**

电气用压纸板和薄纸板 第3部分：压纸板

(English Translation)

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Foreword

GB/T 19264 "Electrical cardboard and thin cardboard with the pressure," consists of the following components.

- Part 1. Definitions and general requirements;
- Part 2. Test methods;
- Part 3. platen;

This section GB/T Part of 319,264.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 19264.3-2003 "electrical cardboard and thin cardboard pressure specification - Part 3. Specifications for individual materials 1.

To B.0.1, B.2.1, B.2.3, B.3.1, B.3.3, B.4.1, B.4.3, B.5.1, B.6.1 and B.7.1 paperboard requirements ", and GB/T 19264.3-2003 compared, in addition to editorial changes outside the main technical changes are as follows.

- Modify the standard name;
- Modify the normative references and adds IEC 60450:2007 and GB/T 1410-2006;
- Modify the model name in Table 1, and Table Description Note;
- According to Table 1 in the model name will revise Tables 2 to 8 combined into Tables 2 and 3, and modify some of the performance requirements and/or test Test method, while increasing the "metal particles", "degree of polymerization", "volume resistivity" and "surface resistivity" four performance requirements and test method.

This section uses redrafted law revision adopted IEC 60641-3-1:2008 "Electrical cardboard and thin cardboard with the pressure - Part 3. Specifications for individual materials Specifications for a material. Yes B.0.1, B.0.3, B.2.1, B.2.3, B.3.1, B.3.3, B.4.1, B.4.3, B.5.1, B.5.3 and B.6.1 Paperboard requirements. " this part of IEC 60641-3-1:2008 technical

differences are as follows.

- Modify the standard name;
- Increasing the normative references. IEC 60450:2007 and GB/T 1410-2006;
- Modify the number of tables, the upcoming model named unnumbered list compiled in Table 1, the original Tables 1 and 2 was postponed in Tables 2 and 3;
- Modify the model named table (ie, Table 1) Table Notes;
- Modify the "interlayer adhesion" requirements and test methods;
- Added "metal particles", "degree of polymerization", "volume resistivity" "surface resistivity" and "liquid dielectric pollution" to five performance Sum test methods.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Standardization Technical Committee of the insulating material (SAC/TC51) centralized.

This part mainly drafted by. Guilin Electric Apparatus Research Institute, Ltd. Taizhou new source of electrical equipment.

Participated in the drafting of this section. Changzhou City Electric Co., Ltd. in the UK, Hunan Guangxin Electric Technology Co., Ltd., Weifang Huisheng Insulation Technology Co., Ltd., Liaoning Ningxing Qi Electrical Materials Co., Ltd., Taizhou Weidmann High Voltage Insulation Co., Ltd., Nantong Ling insulation material Ltd., Anshan paraelectric EHV Insulation Materials Co., Ltd.

Drafters of this section. Malin Quan, Yan Xuemei, Song Yuxia, Luozhuan Yong, Lu Guoqing, Yu Yingzhong, Chenpei Wei, Tsinghua University's Wang, Li Wan, Zhuang Zhiyi, Chuanlu Lu, Lu Chunlin.

This standard replaces the standards previously issued as follows.

- GB/T 19264.3-2003.

Electric pressure with cardboard and thin cardboard Part 3. platen

1 Scope

GB/T 19264 specifies the electrical part of the present with the platen classification and naming requirements.

This section applies to a mixture containing 100% kraft pulp or sulphate pulp and cotton with electrical platen.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1410-2006 solid insulating material volume resistivity and surface resistivity test methods (IEC 60093. 1980, IDT) GB/T 19264.1-2011 Electric cardboard and thin cardboard with the pressure - Part 1. Definitions and general requirements (IEC 60641-1:2007, MOD) GB/T 19264.2-2013 Electric cardboard and thin cardboard with the pressure - Part 2. Test methods (IEC 60641-2:2004, MOD) IEC 60450:2007, new and aged cellulosic electrically insulating material viscosity average degree of polymerization of measurement (Measurement of the average viscosity degree of polymerization of new and aged cellulosic electrically insulating materials)

3 Classification and Nomenclature

According to GB/T 19264.1-2011, electrical platen with the model name as shown in Table 1.

Table 1 electric model with a platen

Model	Description	Composition
B.0.1	100% sulphate pulp	A mixture of sulphate pulp and cotton especially high chemically pure platen
B.2.1	100% sulphate pulp	A mixture of high chemical sulphate pulp and cotton pure platen
B.3.1	100% sulphate pulp	A mixture of sulphate pulp and chemically pure cotton high Preloading rigid cardboard, high mechanical strength, with a textured surface
B.4.1	100% sulphate pulp	A mixture of sulphate pulp and chemically pure cotton high High oil absorption, having the ability of forming platen
B.5.1	100% sulphate pulp	Sulphate pulp and cotton was high chemically pure and high oil absorption can be molded cardboard
B.6.1	100% sulphate pulp	dry use platen

Note 1: The special high-density cardboard been included B.0.1B column (see Table 2), B.2.1B column (see Table 2) and B.6.1B column (see Table 3).

Note 2: The high rigidity preload cardboard been included B.3.1A column (see Table 2); moderate rigidity and high flexibility preload cardboard been included B.3.1B column (see Table 2).

4 Requirements

Electrical platen addition to complying with the general requirements GB/T 19264.1-2011 that otherwise should be in accordance with Table 2 and Table 3 of Regulation Given the appropriate type of performance requirements.