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NATIONAL STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 29.035.99

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GB/T 20634.3-2008

**Non-impregnated densified laminated wood for electrical
purposes - Part 3: Specifications for individual materials -
Sheets produced from birch veneer**

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Issued on: November 29, 2013

Implemented on: June 01, 2014

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of the PRC.**

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Foreword

GB/T 20634 “Non-impregnated densified laminated wood for electrical purposes” contains the following parts:

- Part 1: Definitions, designations and general requirements;
- Part 2: Method of test;
- Part 3: Specifications for individual materials - Sheet produced from birch veneer;
- Part 4: Specifications for individual materials - Ring produced from birch veneer.

This part is part 3 of GB/T 20634.

This part, through modification, adopts IEC 61061-3-1-1998 “Non-impregnated densified laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Sheets produced from beech veneer” (2nd version, English version), considering the limitation of the tree resource varieties in China, where birch veneer is mainly used to produce laminated wood products.

The main technical differences between this part and IEC 61061-3-1:1998 are as follows:

- DELETE the technical requirements of P1R ~ P4R, and meanwhile CHANGE the model C1R ~ C4R to C1B ~ C4B;
- SUPPLEMENT the sheet of thickness specification $> 100 \text{ mm} \sim \leq 150 \text{ mm}$ as well as the allowable deviation requirements;
- IMPROVE the sheet straightness requirements;
- MAKE editorial changes to the text, for example, LIST all test methods into a separate chapter; ADD the packaging, marking, transportation, and storage.

This part was proposed by the China Electrical Equipment Industry Association.

This part shall be under the jurisdiction of the National Standardization Technical Committee for Insulating Materials (SAC/TC 51).

The main drafting organizations of this part: Zhalantun Tongde Wood Limited Liability Company, Ali River Forestry Bureau Laminate Factory, Shenyang

Ruifeng Power Equipment Co., Ltd., Heilongjiang Weihe Forestry Bureau
Electrician Laminated Wood Factory, Guilin Institute of Electrical Science .

The drafters of this part: Zheng Xiqing, Song Chunen, Luo Linsheng, Ji Chen,
Yang Huanjin, Sun Zhiwei, Li Shujun, Li Xuemin.

This part is issued for first-time.

Non-impregnated densified laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheets produced from birch veneer

1 Scope

This part of GB/T 20634 specifies the requirements, test methods, packaging, marking, transportation and storage of non-impregnated densified laminated wood for electrical purpose which is produced from birch veneer.

This part applies to the non-impregnated densified laminated wood for electrical purpose which is produced from birch veneer.

2 Normative references

The provisions in following documents become the provisions of this part through reference in this part of GB/T 20634. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this part; however, parties who reach an agreement based on this part are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 20634.1-2006 Non-impregnated dense laminated wood for electrical purposes - Part 1: Definitions, designations and general requirements (IEC 61061-1:1998, IDT)

GB/T 20634.2-2008 Non-impregnated dense laminated wood for electrical purposes - Part 2: Method of test (IEC 61061-2:2001, MOD)

3 Requirements

3.1 Nominal thickness and allowable deviation

As for the nominal thickness and allowable deviation of the sheets without mechanical processing, SEE Table 1.

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Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

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