NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 20632.3-2022

Vulcanized fibre for electrical purposes - Part 3: Flat sheets

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Foreword

This Document was drafted as per the rules specified in GB/T 1.1-2020 Directives for Standardization - Part 1: Rules for the Structure and Drafting of Standardizing Documents.

This Document is Part 3 of GB/T 20632. GB/T 20632 has published the following parts:

--- Vulcanized Fiber for Electrical Purposes - Part 1: Definitions and General Requirements;

--- Vulcanized Fiber for Electrical Purposes - Part 2: Methods of Test;

--- Vulcanized Fiber for Electrical Purposes - Part 3: Flat Sheets.

This Document modifies and adopts IEC 60667-3-1:2020 Vulcanized Fiber for Electrical Purposes - Part 3: Specifications for Individual Materials - Sheet 1: Flat Sheets.

The technical differences and causes between this Document and IEC 60667-3-1:2020 are as follows:

--- IEC 60667-1 (see Clauses 4 and 5) is replaced by the normatively quoted GB/T 20632.1 to adapt to China's technical conditions and improve operability;

--- The thickness deviation requirements when the thickness is greater than 12.0mm (see Table 1) have been changed to meet the actual needs of China.

This Document made the following editorial modifications:

--- In order to coordinate with existing standards, change the name of the standard to Vulcanized Fiber for Electrical Purposes - Part 3: Flat Sheets;

--- Correct the thickness of "internal ply adhesion" in Table 1 from "0.4" to "<=0.4".

Please note some contents of this Document may involve patents. The issuing agency of this

Document shall not assume the responsibility to identify these patents.

This Document was proposed by China Electrical Equipment Industry Association.

This Document shall be under the jurisdiction of National Technical Committee on Insulated

Materials of Standardization Administration of China (SAC/TC 51).

Drafting organizations of this Document: Electric Power Research Institute of Guangdong

Power Grid Co., Ltd.; China Southern Power Grid Technology Co., Ltd.; Hunan Guangxin

Technology Co., Ltd.; Shenzhen Power Supply Bureau Co., Ltd.; Hangzhou Special Paper

Industry Co., Ltd.; Guilin CEMT Technology Co., Ltd.; Guilin Electrical Equipment Scientific

Research Institute Co., Ltd.; Xi'an Jingzhongsheng Technology Co., Ltd.; Guangzhou Yaxin

Technology Co., Ltd.; Shaanxi Guohongfu Testing Technology Co., Ltd.; Guangdong Mingkai

Vulcanized Fiber for Electrical Purposes - Part 3: Flat Sheets

1 Scope

This Document gives classification and requirements for vulcanized fiber sheets for electrical

purposes.

This Document applies to design, manufacture and inspection, etc. of vulcanized fiber sheets

for electrical purposes. Materials made by combining with multiple layers of vulcanized fiber

are not covered by this Document.

NOTE: Materials that conform to this specification meet established levels of performance. However,

the selection of a material by a user for a specific application is based on the actual requirements

necessary for adequate performance in that application and not based on this Document alone.

2 Normative References

The provisions in following documents become the essential provisions of this Document

through reference in this Document. For the dated documents, only the versions with the dates

indicated are applicable to this Document; for the undated documents, only the latest version

(including all the amendments) is applicable to this Document.

GB/T 20632.1 Specification for Vulcanized Fiber for Electrical Purposes - Part 1:

Definitions and General Requirements (GB/T 20632.1-2006, IEC 60667-1:1980, MOD)

GB/T 20632.2-2022 Vulcanized Fiber for Electrical Purposes - Part 2: Methods of Test

(IEC 60667-2:2020, IDT)

3 Terms and Definitions

For the purposes of this Document, no term and definitions apply.

4 Classification

The material shall be classified as general type or fishbone type, as indicated in GB/T 20632.1.

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