

Translated English of Chinese Standard: GB/T33831-2017

www.ChineseStandard.net

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 59.100.10

Q 36

GB/T 33831-2017

Coated Glass Fiber Products – Determination of Resistance to Creasing and Folding Behavior

玻璃纤维涂覆制品 耐压折性能的测定

GB/T 33831-2017 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~60 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: May 31, 2017

Implemented on: April 1, 2018

Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of PRC.

Table of Contents

Foreword.....	3
1 Scope	4
2 Normative References.....	4
3 Principle	4
4 Apparatus.....	4
5 Specimen	6
6 Operation	6
7 Test Results.....	7
8 Test Report.....	7

Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard was proposed by China Building Material Federation.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Glass Fiber (SAC/TC 245).

Drafting organizations of this Standard: Nanjing Fiberglass Research & Design Institute Co., Ltd., and China National Fiberglass Product Quality Supervision & Testing Center.

Chief drafting staffs of this Standard: Hao Zhengtao, Xu Qi, Fang Yunwei, Huang Ying, Wang Yumei, Ma Dan, and Li Jinguang.

Coated Glass Fiber Products – Determination of Resistance to Creasing and Folding Behavior

1 Scope

This Standard specifies the principle, apparatus, specimen, operation, test results and test report for determination of resistance to creasing and folding behavior of coated glass fiber products.

This Standard is applicable to the products using glass fiber cloth as the substrate coated with polyvinyl chloride, polyurethane, fluorine resin, chloroprene rubber or chlorosulfonated polyethylene rubber.

2 Normative References

The following document is essential to the application of 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) are applicable to this document.

GB/T 7689.5 Reinforcements – Test Method for Woven Fabrics – Part 5: Determination of Tensile Breaking Force and Elongation at Break for Glass Fiber

3 Principle

Fold the elongated specimen in the length direction; use roller to roll in the length direction for several times; unfold the specimen and measure its tensile breaking force; use the retention rate of tensile breaking force to represent the resistance to creasing and folding behavior of the products.

4 Apparatus

4.1 The example of creasing and folding roller can refer to Figure 1.

The roller shall be made of stainless steel, its surface shall be smooth with diameter of (90 ± 1) mm, width of (100 ± 1) mm; the tray for placing the counterweight shall be equipped with to ensure the creasing and folding force of the roller acting on the folding

7 Test Results

Take the breaking load per unit width as the tensile breaking force (N/mm) of the specimen; respectively calculate the average value of warp and weft tensile breaking force of the initial specimen and specimen through treatment; and calculate the retention rate of tensile breaking force, which shall reserve one digit after decimal.

8 Test Report

The test report shall include the following contents:

- a) Instructions are based on this Standard;
- b) Identify the necessary details of the sample to be tested;
- c) The Number of specimen;
- d) Humidity control and test environment;
- e) Tester type and range;
- f) Specimen width and the number of yarns;
- g) Creasing and folding force;
- h) Tensile breaking force of the initial and treated coated glass fiber products;
- i) Retention rate of tensile breaking force;
- j) Any operation details that are not mentioned in this Standard; or any factors that may influence the results;
- k) Test personnel, and test date;
- l) Other test-related information.

_____ **END** _____

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

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

----- The End -----