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

GB/T 14336-2008

Replacing GB/T 14336-1993

Testing method for length of man-made staple fibres

化学纤维 短纤维长度试验方法

(English Translation)

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Foreword

This standard and BISFA "polyester staple fiber test method" (1998 edition), BISFA "nylon staple fiber test method" (2002 edition), BIS-Consistency FA "viscose, modal, lyocell, triacetate staple fibers and tow test methods" (2004 edition) measured the length of the portion of the fiber not equivalent.

This standard replaces GB/T 14336-1993 "synthetic staple fiber length of the test method." this standard and GB/T 14336-1993 compared to the main changes are as follows.

--- The standard name be changed to "chemical fiber staple length test methods", the scope includes cellulose fibers;

Weighing method using the fiber bundle in the middle when --- controversial provisions;

--- Modify the long fiber and short fiber boundary definition;

--- Increasing the extraction of parts of laboratory samples and the sample, a clear method for determining the number of tests;

--- Modify the humidity-time laboratory samples, increasing the humidity in Appendix C fast time;

--- Modify the chemical fiber and relative humidity-humidity test standard atmosphere;

--- Increasing the length deviation rate is calculated;

--- Added Appendix A "single fiber measurement instrument";

--- Added Appendix B "manual measurement of single fiber";

--- Added Appendix D "method for determining the pre-tension";

--- Added Appendix E "Statistics. Terminology and calculation";

--- Increase in the content of the test report.

Appendix E of this standard is a normative appendix, Appendix A, Appendix B, Appendix C, Appendix D are informative appendices.

The standard proposed by China Textile Industry Association.

This standard by the Shanghai textile industry technical supervision of the centralized.

This standard was drafted. China Sinopec Yizheng Chemical Fiber Co., Ltd., China Sinopec Shanghai Petrochemical Co., Ltd., Shandong Helon shares Parts Co., Ltd. Shanghai Alliance Kyrgyzstan synthetic fiber.

1 Scope

This standard specifies the chemical fiber staple length of the test method. fiber bundle in the middle weighing method, a single fiber measuring instrument (Appendix A) and single Fiber manual measurement method (Appendix B). When using fiber bundle controversial middle weighing method, the Act does not apply when the parties agree on the corresponding test method.

This standard applies to polyester (PET), polyamide (nylon), polyacrylonitrile (acrylic), polypropylene (PP), polyvinyl formal (dimension Lun), determination of cellulose fiber and other chemical fiber short fiber length, variation rate, long fiber content and fiber content of times longer.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 3291.1 textile material properties and test - Part 1. fibers and yarns GB/T 6529 textiles conditioning and testing - Standard atmospheres GB/T 8170 numerical rounding rules GB/T 14334 chemical fiber staple sampling method

3 Terms and Definitions

GB/T 3291.1 and established the following terms and definitions apply to this standard.

Nominal length of 30mm or less fiber than nominal length 5mm and less than the nominal length by 2 times; nominal length of 31mm ~ Fiber length 50mm more than the name of 7mm and less than the nominal length by 2 times; nominal length of 51mm ~ 70mm fiber than name Defines the length of 10mm and less than the nominal length by 2 times.

Nominal length of 31mm ~ 50mm fibers, are less than 20mm; nominal length of 51mm or more fiber, less than 30mm person.

4.1 Sampling

- Parts of laboratory samples and specimens taken as needed, not less than 50g;
- Bulk sample laboratory samples and specimens drawn by GB/T 14334 regulations.

Do not extract moisture in transit accidents, pollution, abrasion or packaging of the package has been opened.

4.2.1 Presetting wet

When the sample exceeds regain moisture regain, the need for pre humidity control.

- Temperature does not exceed 50 °C;
- Relative humidity 5% to 25%;