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

GB/T 13835.4-2009

Replacing GB/T 13835.4-1992

**Test method for rabbit hair - Part 4: Moisture regain - Drying
oven method**

兔毛纤维试验方法 第4部分：回潮率 烘箱法

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Foreword

GB/T 13835 "rabbit fiber test method" consists of the following nine sections.

- Part 1. Sampling;
- Part 2. The average length and short hair ratio manual transmission method;
- Part 3. impurity rate, coarse hair and loose hair rate;
- Part 4. Regain oven method;
- Part 5. single fiber breaking strength and elongation at break;
- Part 6. diameter projection microscopy;
- Part 7. whiteness;
- Part 8. ether extract content;
- Part 9. crimp performance. This section GB/T Part of 413,835. GB/T 13835.4-1992 "rabbit regain test methods" in this section instead. This section compared with the GB/T 13835.4-1992 The main changes are as follows:
 - Increasing the GB/T 6529 (Chapter 2 of this edition) normative reference documents;
 - Delete method summary (Chapter 3 edition 1992);
 - Modified apparatus and appliances (Version 1992 Chapter 4; Chapter 3 of this edition);
 - Increased testing standard atmosphere (Chapter 4 of this edition);

1 Scope

GB/T 13835.4-2009 is the Chinese national standard on test method for rabbit hair - part 4: moisture regain - drying oven method, in the field of textile and leather technology. The /T

suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 23 April 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2009. Classification: ICS 59.060.01, CCS W20. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 13835 in this section specifies the method for determining the fiber moisture regain rabbit oven method. This section applies to the hot tank, said determination rabbit fiber moisture regain.

2 Normative references

The following documents contain provisions which, through reference

GB/T 13835 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 6529 Textiles Standard conditioning and testing atmosphere

GB/T 8170 repair value expressed about the rules and limit values \u200b\u200band judgment

GB/T 13835.1 rabbit hair fiber test methods - Part 1. Sampling

3 Apparatus and appliances

3.1 eight baskets oven temperature.

3.2 Balance, dividing the value of 0.01g.

3.3 Sheng-like container.

4 Standard atmospheric testing

4.1 standard atmospheric test in GB/T 6529 provisions (a temperature of $20\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$, relative humidity of $65\% \pm 4\%$) is carried out.

4.2 in non-standard tests, such as the atmosphere, drying quality should be measured in the test sample value corrected to standard atmospheric conditions. root According to the

test when baking temperature and humidity of the atmosphere surrounding the oven, check the correction coefficient table is corrected coefficient, drying mass multiplied by the correction coefficient is corrected to standard Drying mass values under atmospheric conditions. Correction coefficient table in Appendix A.

5 Sampling and test sample preparation

5.1 In accordance with GB/T 13835.1 requirements, test samples extracted regain inspection.

5.2 said before taking baking test sample mass. from sample containers containing test samples quickly removed, with the balance weighing accuracy 50g test specimen, to the nearest 0.01g, each weighing accuracy of a test sample should not exceed 1min. A total of eight test specimens.

5.3 before baking test specimens shall be known as a good tear loose, place the piece of glossy paper torn loose, torn off all the debris should be put back to the test sample.

6 Test procedure

6.1 off the oven bake basket, open the oven power supply switch points, will say good test specimen to tear loose fluffy baked into the basket, the basket will bake only by Checkmark into the oven bake basket hanging on a hook, shut the door.

6.2 until the inside temperature to rise to a predetermined temperature of $105\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$, the recording time.

6.3 Pre-drying time. pre-bake oven of different models at different times, ordinary eight baskets oven pre-heated drying time of 90min, to reach pre-drying time After close basket and fan power, recording time, for the first time inside the weighing, make a record.