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

GB/T 13835.8-2009

Replacing GB/T 13835.8-1992

Test method for rabbit hair - Part 8: Extractable matter by ether

兔毛纤维试验方法 第8部分：乙醚萃取物含量

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 6 Sampling and sample preparation
- 7 Test procedure

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 13835 Part 8. GB/T 13835.8-1992 "rabbit ether extract test methods" in this section instead. This section compared with the GB/T 13835.8-1992 The main changes are as follows:
 - Added ether solvent purity requirements (edition 5.4);
 - Improve the sampling and sample preparation (Version 1992 Chapter 6; Chapter 6 of this edition). This section proposed and managed by China Fiber Inspection Bureau. This section is drafted. Fiber Inspection Bureau in Sichuan, Shaanxi Provincial Fiber Inspection Bureau. The main drafters of this section. Zeng Rong, Pingxiang Yun, Lan Fan, Huang Chao, Liu Jianping. This part of the standard replaces the previous editions are.
- GB/T 13835.8-1992. Test method for rabbit hair fiber Part 8. ether extract content

1 Scope

GB/T 13835.8-2009 is the Chinese national standard on test method for rabbit hair - part 8:

extractable matter by ether, 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 the determination rabbit ether extract content. This section applies to the determination of rabbit ether extract content.

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 8170 repair value expressed about the rules and limit values judgment

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

3 Terms and Definitions

The following terms and definitions apply GB/T 13835 in this section.

3.1 Ether as the solvent, the material was extracted from rabbit hair fibers. Principle

4 The sample is placed in Soxhlet fat dip smoke is repeatedly extracted with ethyl ether, the extract was dried weighed, calculated content of ether extract. 5 apparatus, instruments and reagents

5.1 Soxhlet fat dip pumping device (reception with 250mL bottle).

5.2 Balance, dividing the value 0.0001g.

5.3 oven, constant temperature water bath, dryer, aluminum case, qualitative filter paper.

5.4 ether (chemically pure).

6 Sampling and sample preparation

According to GB/T 13835.1 provisions laboratory sample is thoroughly mixed tile on the table, from the laboratory sample points, Uniform extraction of four test specimens, each weighing about 3g, two for parallel test, two spare.

7 Test procedure

7.1 installed on a heated water bath Soxhlet fat dip pumping device, connect the cooling water, which leads to cooling water, turn on the power, heated water bath.

7.2 The sample was wrapped qualitative filter paper, were placed in the dip pumping device, do not exceed the height of the siphon mouth, pumping into the upper portion of ether from leaching, And over the siphon submerged sample, resulting in reflux condenser followed.

7.3 to maintain the temperature of the water bath, so that the receiving flask ether slightly boiling. Reflux 2h, less than 20 times the number of reflux.