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

GB/T 10685-2007

Replacing GB/T 10685-1989

**Wool -- Determination of fiber diameter -- Projection
microscope method**

羊毛纤维直径试验方法投影显微镜法

(English Translation)

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Foreword

This revised standard adopts ISO 137. 1975 "Determination of wool fiber diameter projection microscopy" (in English).

This standard and ISO 137. 1975 main technical difference.

--- Greasy hair, wash hair test specimen sampling methods. Method A sampling of this standard with ISO 137, when the arbitration; taking into account the party A method of complexity, this increases the standard method B, multi-point sampling method for routine testing;

--- With ISO 137. 1975 compared to an increase of preparation loose fiber test specimen;

--- Change the calculation formula. ISO 137. 1975 is calculated by assuming that the average diameter of the standard use more scientific weighted average Diameter calculation.

This standard replaces GB/T 10685-1989 "Standard Test Method for wool fiber diameter projection microscopy." this revision combined with the usage was amended as follows.

--- Increasing the scope of this standard also applies plush fiber diameter detection (1989 Edition Chapter 1; Chapter 1 of this edition);

--- Adds a reference standard (Chapter 2 of this edition);

--- Added three terminology (Excerpts 3.4,3.6,3.7);

--- Modify the batch samples, laboratory samples, the definition of the test specimen (1989 version 3.2,3.3,3.4; this edition 3.2,3.3,3.5);

--- Modified wedge method B-foot range (1989 Version 5.2; 5.2 edition);

--- Increased viscous media should not be used (1989 Version 5.5; 5.5 edition);

--- Clear standard sampling methods (1989 edition 7.1 and 10.1; edition 7.1 and 8.1);

--- Modified method B tops test specimens cut length (1989 version 10.3.2; this version

8.3.2);

--- Increasing the bulk fiber sample preparation (edition 7.4 and 8.4);

--- Modify the title and represented by the formula calculation results (1989 version 9.1 and 12.1; 10.1 edition);

--- Revised standard formatting (see Chapters 7 and 8);

--- Combined original Appendices A and B, and modify the format of Appendix A.

The Standard Appendix A, Appendix B is an informative annex.

The standard proposed by China Fiber Inspection Bureau.

The standard by the China Fiber Inspection Bureau.

This standard was drafted. Shanghai Fibre Inspection.

1 Scope

This standard specifies the test methods for wool fiber diameter was measured using a projection microscope.

This standard applies to all types of fiber and plush undergone various treatments with no significant cross-section of a variant of the pile fibers, also Other suitable cross-section close to the circular fibers.

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 6978 Greasy hair wash test method oven method GB/T 8170 numerical rounding rules GB/T 14269 wool test sampling methods

3 Terms and Definitions

The following terms and definitions apply to this standard.

Wool or other fiber longitudinal projection of the average width.

One or more of the packaging unit from a predetermined number of products at random, and as a source of laboratory samples.

According to the provisions taken from the lot sample product unit or part of the material, as

a source of the test sample.

Samples taken from the lot sample or laboratory sample for a test project, should be representative, and a foot into a test specimen Enough amount.

Drawn from the test sample in a sample for testing.

The test sample is thoroughly mixed tile batt uniform thickness, from 16 distribution substantially uniform region, from both random batt 32 points of the surface portion of the sample extraction method.