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

SN/T 0478-2003

Replacing SN/T 0478-1995

**Rules of inspection for import and export scoured and
carbonized wool
(English Translation)**

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Quarantine of the People Republic of China**

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Foreword

This standard is based on the relevant inspection procedures and methods of the International Wool Textile Organization IWTO and the corresponding national standards and methods.

SN/T 0478-1995 "Import and Export Washing and Carbonization Hair Inspection Procedures" was revised.

The main changes in this standard compared with SN/T 0478-1995 are as follows.

--- Make some adjustments and revisions to the original standard in the preparation order. For example, the original color test of Appendix B is directly included in the inspection.

In addition to the C light source and 20 observer test, the specific test method has increased the use of CIE D65 and 100 observers.

test. The corresponding provisions in IWTO-56 "Determination of Original Hair Color" are used equivalently throughout the inspection process.

--- Revise the moisture regain rate test in the original standard quality test to the drying quality measurement, and in the operation procedure, inspection process and results both expression and calculation are consistent with the corresponding regulations of IWTO.

---Based on the net gross rate for the washing of wool and carbonized wool imported from Australia and New Zealand (this standard Named the wool test) The results of the inspection check the delivery quality, so this revision adds wool base, plant-based impurity base and sheep.

The detection of the test yield includes the detection of the ash, ethanol extract and total alkali insolubles after the baking. Thus ensuring inspection the quality of the collection is consistent with foreign countries in terms of test methods and results calculations.

---In the test of average fiber diameter test, the new advanced optical fiber diameter analyzer and laser fiber are added.

Test method for dimensional diameter analyzer.

---In accordance with GB/T 4711 "Wool single fiber breaking strength and elongation test method", increased the breaking strength and elongation of the washed wool fiber Test.

--- In the original standard, dry dead hair detection has increased the slicing method. This method can be used for more dry dead hair.

--- The data in the tables listed in this standard are all subject to the latest IWTO regulations, and the data in the original form has been revised.

Appendix A, Appendix B, Appendix C, Appendix D, and Appendix E of this standard are normative appendices.

This standard is proposed and managed by the National Certification and Accreditation Administration.

This standard was drafted. Shanghai Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This standard specifies the average fiber diameter, length, color and appearance of the quality of the imported and exported washed wool and carbonized wool, and the quality of the project.

Test method.

This standard is applicable to the inspection of imported and exported washed wool and carbonized wool.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB/T 4711 wool single fiber breaking strength and elongation test method GB/T 8170 numerical rounding rules GB/T 10685 wool fiber diameter test method projection microscope method SN/T 0473-2003 Import and export of fat-containing hair inspection procedures SN/T 0479-2003 Inspection procedure for import and export wool strips IWTO-5 Method for determining fiber length distribution of wool fibers and wool yarns or fabrics using a single fiber length tester IWTO-8 Determination of fiber diameter distribution and percentage of myelinated fibers in wool and other animal fibers by projection microscopy method Method for determination of IWTO-10 wool strips and commercial washed wool and carbonized hair methylene chloride IWTO-12 Determination of fiber diameter average and

distribution using a Sirolan laser fiber diameter analyzer
Determination of the base and plant-based impurity bases of IWTO-19 raw wool core samples
IWTO-28 Determination of the average fiber diameter of raw wool core samples by airflow method
IWTO-33 Method for determination of dry and carbonized hair drying weight and invoice calculated weight
IWTO-47 Determination of the average and distribution of wool fiber diameters using an optical fiber diameter analyzer
IWTO-56 method for determining the original hair color
IWTO core sampling inspection rules
IWTO Washing and Carbonized Gross Bulk Inspection Rules

3 Terms and definitions

The following terms and definitions apply to this standard.

The wool after removing grease and dust is removed by a scouring process.

Wool after removal of vegetable impurities by carbonization (or acid treatment).