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

GB/T 12412-2024

Replacing GB/T 12412-2007

Yak

牦牛绒

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. This document replaces GB/T 12412-2007 Yak Down. Compared with GB/T 12412-2007, except for structural adjustment and editorial changes, In addition to the dynamic, the main technical changes are as follows: The definition of yak wool has been changed (see

3.1 of the.2007 edition); - The definition of crude content has been changed (see

3.6 of the.2007 edition); - Added the definition of impurities (see 3.7); - Added the definition

of net down rate (see 3.8); - The classification and grade rules of yak wool have been changed (see 5.1.1,

5.1.1 of the.2007 edition); - Changed the "Regulations on the Classification of Yak Raw Cashmere" to "Technical Requirements for the Models and Grades of Yak Raw Cashmere", and changed the corresponding technical contents (See Table 2, Table 2 of the.2007 edition); Added the provisions on the nominal weight of yak raw cashmere (see 5.1.2); The provisions on moisture regain of yak wool (

5.1.4 of the.2007 edition) have been deleted; The technical indicators of combed yak wool have been changed (see 5.2.1.1,

5.2.1 of the.2007 edition); - Changed the characteristic index and classification requirements of combed yak wool (see 5.2.1.2,

5.2.3 of the.2007 edition); - Added requirements for other animal fibers and non-animal fibers in combed yak wool (see 5.2.1.3); - Added the standard quantity of combed yak wool (see 5.2.1.4); - The quality expression method of combed yak wool has been changed (see 5.2.2,

5.2.4 of the.2007 edition); - The mean diameter test method has been changed (see 6.1.2.1,

6.1.2 of the.2007 edition); - The test methods for cleanliness rate, net down rate and net down mass have been changed (see 6.1.2.3,

6.1.4 of the.2007 edition); - Modified the fiber type and quality characteristics test requirements (see 6.1.2.4,

6.1.5 of the.2007 edition); - Added the test method and requirements for the preparation of combed yak wool batch samples (see 6.2.1.1); - Added the requirements for sample preparation of combed yak wool in the laboratory (see 6.2.1.2); - Added sample preparation requirements for combed yak wool specimens (see 6.2.1.3); - The calculation formula for the rough rate has been deleted (see

6.2.2.2 of the.2007 edition); - The impurity content calculation formula (see

6.2.2.3 of the.2007 edition) has been deleted; - The description of the test results of crude content and impurity content has been deleted (see

1 Scope

GB/T 12412-2024 is the Chinese national standard on yak, 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 28 November 2024 by the State Administration for Market Regulation; Standardization Administration of

China, and has been in force since 1 June 2025. Classification: ICS 59.060.10, CCS W21. 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.

This document stipulates the product classification, technical requirements, sampling, inspection rules, packaging, marking, storage and transportation of yak wool. The corresponding test methods are described. This document applies to the production, trading, processing and quality assessment of yak wool.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies. in this document.

GB/T 2910 (all parts) Quantitative chemical analysis of textiles

GB/T 5706 Textiles - Terminology for wool textile products

GB/T 6500 Test method for moisture regain of plush fibers - Oven method

GB/T 6977 Test method for content of ethanol extract, ash, vegetable impurities and total alkali insoluble matter in washed wool

GB/T 10685 Test method for wool fiber diameter - Projection microscope method

GB/T 11951 Terminology of Natural Fibers

GB/T 16988 Determination of the content of mixtures of special animal fibers and sheep wool GB 18267 Cashmere

GB/T 21030 Test method for average diameter and distribution of wool and other animal fibers - Optical fiber diameter analyzer method GB/T 35936 Yak hair

GB/T 40826 Test method for hand-laid length of combed cashmere - Plate electronic scanner method

GB/T 40905.1 Textiles - Quantitative analysis of cashmere, sheep wool, other special animal fibres and their mixtures - Part

3 Terms and definitions

The terms and definitions defined in GB/T 5706, GB/T 11951, GB 18267 and GB/T 35936 and the following terms and definitions apply to this document.

3.1 Fibers with a diameter of 35 μm or less obtained from yaks.

Note. Yak raw wool and combed yak wool are collectively called yak wool.

3.2 Fibers obtained from yaks have a diameter of more than 35 μm and the portion above 35 μm exceeds 1/2 of the total length of the fiber.

3.3 It is a mixed fiber of down obtained from yaks, mainly down with natural impurities and unprocessed down.