



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

GB/T 11951-2018

Natural fibres -- Terminology

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Table of Contents

Foreword...	3
1 Scope...	5
2 Natural fiber classification...	5
2.1 Natural fibers...	5
2.2 Animal fibers...	5
2.3 Vegetable fibers...	5
2.4 Mineral fiber...	6
3 Terms and definitions...	6
3.1 Animal fibers...	6
3.2 Vegetable fibers...	9
3.3 Mineral fiber...	11

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 11951-1989 "Textiles - Natural fiber - Terminology".

The main differences between this standard and GB/T 11951-1989 are.

- MODIFY the standard name;
- MODIFY the scope of the standard;
- In "animal fibers", ADD the classification of "fibers secreted by some molluscs" (see 2.2 and 3.1.2);
- ADD 7 terms (see 3.1.1.3, 3.2.2.13, 3.2.2.14, 3.2.3.10 ~ 3.2.3.13);
- MODIFY 3 English generic names (see 3.1.1.1, 3.1.1.2 and 3.2.3.2; 3.1.1.1,

3.1.1.2 and 3.2.3.6 of the 1989 version);

- MODIFY the English generic names of the two plants (see 3.2.2.12 and 3.2.3.9; 3.2.2.8 and 3.2.3.4 of the 1989 version);
- CHANGE "wool" into "sheep wool", ADD the corresponding notes (see 3.1.3.1; 3.1.2.1 of the 1989 version);

- CHANGE "Alpaca hair" into "Alpaca wool", "Guanaco hair" into "Guanaco wool", "Llama hair" into "Llama wool", "Vicuna hair" into "Vicuna wool" (see 3.1.3.2, 3.1.3.6, 3.1.3.7, 3.1.3.9; 3.1.2.2, 3.1.2.6, 3.1.2.7, 3.1.2.9 of the

1989 version);

- DELETE the term "Zhongwei goat wool" (3.1.2.12 of the 1989 version);
- ADD the notes on horse hair (see 3.1.3.15);
- ADD notes on cannabis (see 3.2.2.1);
- In "bast fibers", ADD the note on "Jute and similar fibers" (see footnote c of 3.2.2);
- DELETE the Chinese index from original Appendix A and English index from Appendix B, ADD informative Appendix "Fiber terms, English generic name and common name index table" (see Appendix A).

This standard uses the redrafting method to modify and adopt ISO 6938.2012 "Textiles - Natural fibers - Generic names and definitions".

The technical differences between this standard and ISO 6938.2012 are as follows.

Natural fibers - Terminology

1 Scope

This standard defines the terms and definitions of the main natural fibers used for textiles based on the source or composition of the fibers, and provides the corresponding English generic names and common names.

This standard applies to textile natural fibers.

Note. The English generic name for various natural fibers defined in this standard is shown in Appendix A.

2.1 Natural fibers

Natural fibers are divided into animal fibers, vegetable fibers, and mineral fibers by source.

2.2 Animal fibers

Animal fibers mainly include.

- Fiber from silk glands. secreted by some insects, particularly by larvae of the lepidopter order, in the form of two filaments of fibroin cemented together by sericin.
- Fibers secreted by molluscs. fibres secreted by some molluscs.
- Fiber from hair follicles. with a multicellular structure, composed of keratin, forming the animal hair follicles.

2.3 Vegetable fibers

Vegetable fibers mainly include.

- Fiber from seeds. Single-cell structure, generated by the epidermal cells of the seed, almost entirely constituted of cellulose.

(Castor)

3.1.3.17 d ??? HARE (Lièvre)

Fiber obtained from *Lepus europaeus* and

Lepus timidus

3.1.3.22 d ??? REINDEER (Renne) Fiber obtained from Genus rangifer

Table 3 (continued)

Entry number Chinese name English generic name a Definition

3.1.3.29 d ??? ARTICFOX (Renardarctique)

Fiber obtained from *Vulpus lagopus*, *Canis*

isatis

a Names in brackets are equivalent French-language names.

b Synonym. wool.

c The affixes "wool" and "hair" can be added after the English generic names of 3.1.3.2 ~ 3.1.3.10,

3.1.3.12, and 3.1.3.18.

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