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

GB/T 17345-2016

Replacing GB/T 17345-2008

Scutched flax

亚麻打成麻

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard instead of GB/T 17345-2008 "linen hit linen", this standard and GB/T 17345-2008 compared to the main changes are as follows:

- increase the "directory";
- "severe" terminology changed to "density"; modified "grass" definition; - Amend Chapter 4 "Quality Classification" to "Quality Requirements";
- Table 1 table "sensory indicators" modified to "sensory quality", and modify the sensory characteristics of the description; - an increase in the "sensory score compliance rate" indicator requirements, and in Appendix B to increase the test method;
- Table 2 will be the title of the "physical indicators" to "technical requirements", and modify the classification of the technical indicators; - the "splitting" metric specification has been added to the technical requirements and the test method has been added in Appendix B;
- remove the quality requirements of the "mechanism", "wheel"; strong indicators increased the "rain", "warm water", delete the "allow -2% deviation"; Processing less than hemp indicators to delete the "rain", "warm water"; delete the table 2 "moisture regain"; - will be classified with " - In Appendix B, the numerical revision provisions have been added;
- Appendix A is added. This standard is proposed by China Fiber Inspection Bureau. This standard is under the responsibility of the National Fiber Standardization Technical Committee (SAC/TC513). The drafting of the standard units. China Fiber Inspection Bureau, Heilongjiang Province Fiber Inspection Bureau, Zhejiang Province, Huzhou City Fiber Inspection Institute, Harbin Linen spinning Weaving limited company, new Shen Group Co., Ltd., Anhui Province Fiber Inspection Bureau. The main drafters of this standard. Cai Baojun, Li Xueqin, Xing Qiu Ming, Shi Hong, Li Wen, Cao Jian. This standard replaced the previous version of the standard release.
- GB/T 17345-1998, GB/T 17345-2008. Flax is numbered

1 Scope

China's national product standard for scutched flax - the long line fibre that comes off the scutching turbine, and the raw material of every linen yarn. It specifies the quality requirements, the sampling quantity and method, the test methods, the inspection rules, and the packaging, marking, transport and storage of scutched flax. Flax reaches this state after a long and largely biological sequence: the straw is pulled rather than cut to keep the fibre length, retted in the field or in water so that micro-organisms break down the pectin binding the fibre to the woody core, dried, broken, and then scutched - beaten and scraped so that the shive falls away and the long fibre strands are combed out. Every one of those steps can be done well or badly, and the result cannot be corrected afterwards.

Under-retted flax will not separate and spins hard; over-retted flax has lost strength that no process returns. So the fibre is bought on grade, and the grade has to be assigned consistently by people at a bench. That is what the standard is for. It sets the quality requirements as grades defined by the properties a spinner cares about - the length and the uniformity of the strands, the fineness, the strength, the colour, the softness and combing behaviour, and the residual shive and impurity content - and it fixes the sampling, because a bale of natural fibre is not uniform and a grade assigned from an unrepresentative handful is worthless. The test methods, the inspection rules and the packaging and storage requirements complete it; storage matters here because flax is hygroscopic and mildews. Issued on 14 June 2016 and in force since 1 January 2017, it replaces GB/T 17345-2008.

This standard specifies the terms and definitions of linen, the quality requirements, the number of samples and sampling methods, test methods, inspection rules, packages Loading, marking, transportation and storage. This standard applies to linen linen linen.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 5707 Terminology of textile terms (hemp) Representation and Judgment of Numerical Correction Rule and Limit Value of

GB/T 8170 Determination of moisture content and moisture regain of textile materials - Oven drying method GB/T

3 Terms and definitions

GB/T 5707 Definitions and the following terms and definitions apply to this document.

3.1 Graded quality of entirety The completeness of bark fibers per plant.

3.2 Uniformity degree of regularity The degree of linen fiber rooting in the hemp bundle, and the difference in the length of the fiber.

3.3 Density degree of weighty Fiber tight and feel the degree of severity.

3.4 Absence of processing Due to degumming or playing linen contains dead crumbs (continuous length is equal to or greater than 30mm) of the hemp.

3.5 Grasses grass content of scotched flax The number of roots per hectare of linen is numbered in the length of the hemp.

4 Quality requirements

4.1 linen marked hemp sensory quality, technical requirements are divided into first class, second class, third class, four, five, its quality in turn reduced.

4.2 Flax to marijuana and other sensory qualities are shown in Table 1.