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

GB/T 45041-2024

**Wool and wool-like knitted goods for infants and young
children**

婴幼儿毛及仿毛针织品

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Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Pilling box method
- 4 Textiles and clothing

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. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the China National Textile and Apparel Council. This document is under the jurisdiction of the National Technical Committee on Standardization of Textiles (SAC/TC 209). This document was drafted by: Beijing Wool Textile Research Institute Inspection Center, Zhejiang Cashmere Family Garments Co., Ltd., Inner Mongolia Luwang Cashmere Co., Ltd., Zhejiang Sande Textile Garment Co., Ltd., Zhejiang Zhongding Textile Co., Ltd., Beijing Xuelian Group Co., Ltd., Zhejiang Miralio Garment Co., Ltd., Huzhou Goldman Sachs Woolen Textile Co., Ltd., China Wool Textile Industry Association, Beijing Tongniu Keying Knitting Technology Development Co., Ltd., Inner Mongolia Renli Xuelian Cashmere Co., Ltd., and Beijing Fashion Holdings Co., Ltd. The main drafters of this document are: Han Jing, Li Tao, Jiang Qingyun, Nie Wenshan, Zhu Jie, Lu Linhui, Ren Zhenxin, Ding Hui, Liu Dan, Dong Zefeng, Zheng Hong, An Xiaolong, Li Ruimin, Ge Shunshun, Shen Ziming, Ma Yue, Liu Na. Baby wool and wool-like knitwear

1 Scope

GB/T 45041-2024 is the Chinese product standard for wool and wool-like knitted goods for infants and young children. Textiles for babies are regulated more tightly than any other clothing in China, and this standard applies the general safety requirements of GB 18401 and GB 31701 to a specific and difficult category: wool is scratchy, it felts and shrinks when washed, and the finishes used to prevent that are exactly the ones that raise chemical safety questions. The document sets the classification and the requirements: the fibre content and its tolerance, the dimensional change on washing, the pilling, the bursting strength and the seam performance, the colour fastness to washing, water, perspiration, rubbing and saliva, the formaldehyde content, the pH, the decomposable aromatic amines

from azo dyes, the odour and the requirements on accessories and sharp objects, together with the test methods, the inspection rules and the marking and packaging. For a knitwear maker or a buyer inspecting a delivery in China, this is the acceptance text.

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 to This document.

GB/T 250 Textiles - Grey scale for colour fastness tests

GB/T 1335.3 Clothing Sizes for Children

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

GB/T 2912.1 Determination of formaldehyde in textiles Part

GB/T 3920 Textiles - Tests for colour fastness - Colour fastness to rubbing

GB/T 3922 Textiles - Tests for colour fastness - Colour fastness to perspiration

GB/T 4802.3 Determination of the pilling properties of textile fabrics Part

3 Pilling box method

GB/T 4841.3 Dyeing Standard Depth Color Chart 2/1, 1/3, 1/6, 1/12, 1/25

GB/T 4856 Packaging of knitted and cotton fabrics

GB/T 5296.4 Instructions for use of consumer products Part

4 Textiles and clothing

GB/T 5713 Textiles - Tests for colour fastness - Colour fastness to water

GB/T 7573 Determination of pH value of aqueous extract of textiles

GB/T 12490-2014 Textiles - Tests for colour fastness - Colour fastness to domestic and commercial washing

GB/T 14644 Combustion performance of textiles - Determination of burning rate at 45°

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

GB/T 17592 Determination of banned azo dyes in textiles

GB/T 17593 (all parts) Determination of heavy metals in textiles

GB 18401 National basic safety technical specification for textile products

GB/T 18886 Textiles - Tests for colour fastness - Colour fastness to saliva

GB/T 20388 Determination of phthalates in textiles - Tetrahydrofuran method

GB/T 23322 Determination of surfactants in textiles - Alkylphenols and alkylphenol polyoxyethylene ethers

GB/T 23344 Determination of 4-aminoazobenzene in textiles

GB/T 24121 Detection method for broken needle residues in textile products

GB/T 29862 Labelling of fibre content of textiles