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

GB/T 46819-2025

**General technical requirements for latex fillings in textile
products**

纺织制品中乳胶填充物通用技术要求

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no 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/TC209). This document was drafted by: China National Academy of Quality Inspection and Testing, Hefei Hongmeng Standard Technology Research Institute Co., Ltd., and the People's Republic of China Beijing Customs, China Textile Standard (Shenzhen) Testing Co., Ltd., Sanya China Academy of Inspection and Quarantine Biosafety Center, Zhonghao (Beijing) Testing Technology Co., Ltd. The company, Hainan Provincial Institute of Inspection and Testing, China Textile Standard Testing & Certification Co., Ltd., Hangzhou Laoba Evaluation Technology Co., Ltd., Thermo Fisher Scientific Shier Technology (China) Co., Ltd., Dongguan Daqun Textile Co., Ltd., Guangdong Sweet Secret Innovation Technology Co., Ltd., China Jiliang University Zhejiang Water Resources and Hydropower College. The main drafters of this document are. Li Yahui, Liu Yanli, Wang Zhijuan, Dou Xiaoliang, Zhang Xiao, Qiu Yueming, Yu Gang, Bai Hua, Lü Jing, Zhang Qing, and Ma Ning. Xi Guangcheng, Jiang Lu, Lü Qing, Zhang Ruijie, Ma Yunlong, Cai Lulu, Dong Caiyu, Mao Haimei, Ni Zhiyi, Yang Longfeng, Zhang Youguo, Che Jinshui, Jing Tingting Zhao Suli, Liu Xin, Chen Yiqun, Ma Longbo, Yan Ying. General technical requirements for latex fillers in textile products

1 Scope

GB/T 46819-2025 is the Chinese national standard covering the latex filling of a pillow or mattress topper - the density and hardness, the compression set that decides how long it keeps its shape, the ageing, the odour, and the protein residues that matter to people with latex allergy. First edition. It was issued on 31 December 2025 and has been in force since

1 July 2026, as a first edition. The document is under the responsibility of the China National Textile and Apparel Council. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the terminology and definitions for latex fillers in textile products, specifies the technical requirements and inspection rules, and describes the corresponding test procedures. Verification method. This document applies to textile products containing latex filling, such as pillows, mattresses, cushions, seat cushions, lumbar supports, and underwear.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2828.1 Sampling Procedures for Inspection by Attributes - Part

1. Sampling Schemes Retrieved by Acceptable Quality Limit (AQL) for Lot-by-Lot Inspection

GB/T 6669-2008 Determination of Compression Set of Flexible Foamed Polymer Materials

GB/T 10807-2006 Determination of hardness of flexible foam polymer materials
(indentation method)

GB/T 14795-2023 Terminology for Natural Rubber

GB/T 17592 Determination of prohibited azo dyes in textiles

GB 18587 Limits for the Emission of Hazardous Substances from Carpets, Carpet Backings and Carpet Adhesives in Interior Decoration and Renovation Materials

GB/T 21870 Determination of Proteins from Water Extraction of Natural Latex Medical Gloves - Improved Lowry Method

GB/T 24153 Determination of N-nitrosamines in rubber and elastomer materials

GB/T 28189 Determination of Polycyclic Aromatic Hydrocarbons in Textiles

GB/T 33324 Determination of Heavy Metal Content in Latex Products by Inductively Coupled Plasma Atomic Emission Spectrometry

GB/T 35492 Determination of Organotin Content in Latex Products by Gas Chromatography-Mass Spectrometry

3 Terms and Definitions

The terms and definitions defined in GB/T 14795-2023, as well as the following terms and definitions, apply to this document.

3.1 Latex fillers Using natural latex, synthetic latex, or a mixture of both as the main material, compounding agents are added, and the mixture is then processed... Fillers prepared through processes such as foaming and molding.

3.2 natural latex Latex is obtained by harvesting and collecting latex from rubber-containing plants such as rubber trees, rubber vines, or rubber grass. [Source: GB/T 14795-2023, 3.2.1.1]

4.1 Intrinsic Quality

4.1.1 Physicochemical quality The physical and chemical quality of the product shall meet the requirements of Table 1.