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

GB/T 35611-2024

Green product assessment - Textile products

绿色产品评价 纺织产品

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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 35611-2017 "Green Product Evaluation of Textile Products". Compared with GB/T 35611-2017, except for the structure In addition to adjustments and editorial changes, the main technical changes are as follows: -- Changed the scope (see Chapter 1, Chapter 1 of the.2017 edition); -- Changed the basic requirements, deleted the energy consumption and noise emission requirements, and added the installation and management of energy and water resource meters Requirements for tools (see 4.1,

4.1 of the.2017 edition); -- Changed the evaluation index requirements, divided into green benchmark products and green products, and added energy attribute and low-carbon attribute indicators The water intake per unit product, pesticides, phthalates, polycyclic aromatic hydrocarbons, perfluorinated compounds, residual solvents and Color fastness index, the requirements for dyes, auxiliaries and volatile substance release have been deleted (see 4.2,

4.2 of the.2017 edition); --Added encouraging requirements (see 4.3); -- Added the list of organic tin compounds (see Appendix F), changed the list of pesticides, harmful dyes, phthalates, chlorinated benzene List of substances such as chlorinated toluene, polycyclic aromatic hydrocarbons, perfluorinated compounds, residual chemical solvents and banned flame retardants (see Appendix B, Appendix C, Appendix E, Appendix G~Appendix J and Appendix L, Appendix A, Appendix B, Appendix D~Appendix H, Appendix J of the.2017 edition). 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 and the National Green Product Evaluation and Standardization General Group. This document is under the jurisdiction of the National Technical Committee on Standardization of Textiles (SAC/TC 209). This document was drafted by: China Textile Standards Inspection

and Certification Co., Ltd., China National Institute of Standardization, Textile Industry Science and Technology Development Center Xin, Anta (China) Co., Ltd., Shengzhou Youngor Wool Textile Co., Ltd., Embry Form (Shandong) Garment Co., Ltd., Hangzhou Huali Industrial Group Co., Ltd., Zhejiang Sci-Tech University, China Textile Science Research Institute Co., Ltd., China Chemical Fiber Industry Association, Shandong Jinhao Home Textile Group Co., Ltd., Fujian Jinjiang Huayu Weaving Co., Ltd., Wujiang Yuli Textile Fabric Co., Ltd., Quanzhou Zhengying Chemical Fiber Co., Ltd. Company, Fujian Jinjiang Benda Printing and Dyeing Co., Ltd., Dali (China) Co., Ltd., Zhejiang Taihua New Materials Group Co., Ltd., Zhejiang Dongjin New Materials Co., Ltd., Fujian Jinjiang Xiesheng Weaving and Dyeing Co., Ltd., Hangzhou Xiruidi Technology Co., Ltd., Ruyudeshui (Hangzhou) Soft Custom Clothing Co., Ltd., Hunan Guosheng Clothing Co., Ltd., Chongqing Meilisi New Materials Technology Co., Ltd., Wuxi Yimian Textile Group Co., Ltd. Co., Ltd., Zhejiang Dongsheng Holding Group Co., Ltd., Nantong Third Towel Factory Co., Ltd., Shaanxi Boyu Textile Co., Ltd., Shaoguan Bei Textile Intelligence Technology Co., Ltd., Xuzhou Silk Fiber Technology Co., Ltd., Shenzhen Yilian Plastic Co., Ltd., Zhonghuan United (Beijing) Certification Center Co., Ltd., Jiangsu Xinzhanjiang Fiber Technology Co., Ltd., Jiangsu Damao Niu New Materials Co., Ltd., Shanghai Anoky Group Limited by Share Ltd. The main drafters of this document are. Lü Jing, Ma Yongmei, Xu Bingsheng, Xu Lu, Wang Guojian, Zhang Hui, Zhang Ruijie, Tan Wanchang, Tian Linlin, Zhou Xinxian, Guo Yuhai, Li Deli, Cao Haihui, Zhu Yi, Feng Peijun, Bao Chun, Jiang Siqi, Wang Qiang, Lin Dianyu, Shen Weifeng, Jin Shihao, Su Chengyu, Zhang Rui, Ke Wenxin, Fan Rong, Wang Xiaojie, Zhang Shuyi, Chen Taiming, Chen Haiyang, Liu Xiaofei, Liu Limin, Yang Yanfang, Ji Cheng, Du Hongbo, Zhao Lihui, Chen Guichun, Sun Derong, Zhang Ke, Chen Zhongle, Zhang Dongping, Li Zhong, and Zhang Yuanting. The previous versions of this document and the documents it replaces are as follows: --First published in.2017 as GB/T 35611-2017. --This is the first revision. Green Product Evaluation Textile Products

1 Scope

GB/T 35611-2024 is the Chinese green product assessment standard for textiles, the document behind the green product label on Chinese textile goods. Its approach is life-cycle rather than single-issue: a textile is assessed on resource attributes, the fibre content and the water and energy consumed in producing it, on energy attributes, on environmental attributes, the chemicals used in pretreatment, dyeing and finishing, the wastewater and the emissions, and on quality attributes, the performance and durability of the product itself, since a garment that fails early is not green whatever its dyehouse did. The standard sets the assessment indicator system with the basic requirements a product must meet before it can be assessed at all, the evaluation indicators with their limits and their test or verification methods, and the evaluation method and rules by which a product is judged to qualify. China is the largest textile producer in the world and this label is increasingly asked for by buyers outside it. It takes effect on 1 October 2026.

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 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 4287 Discharge standard of water pollutants for textile dyeing and finishing industries
- 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 17167 General rules for the allocation and management of energy metering instruments in energy-consuming units
- GB/T 17592 Determination of banned azo dyes in textiles
- GB/T 17593 (all parts) Determination of heavy metals in textiles
- GB 18383 General technical requirements for fiber products for wadding
- GB 18401-2010 National basic safety technical specification for textile products
- GB/T 18412 (all parts) Determination of pesticide residues in textiles
- GB/T 18414 (all parts) Determination of chlorophenol content in textiles
- GB 18597 Hazardous waste storage pollution control standard
- GB 18599 Pollution control standard for storage and landfill of general industrial solid waste

4 Textile dyeing and finishing products

- GB/T 18916.14 Water quota Part

14 Wool textile products

- GB/T 18916.20 Water quota Part

20 Man-made filament woven products

- GB/T 18916.21 Water quota Part

21.Silk products

GB/T 18916.24 Water quota Part

24.Hemp textile products

GB/T 18916.25 Water quota Part

25.Viscose fiber products

GB/T 18916.44 Water Intake Quota Part

44.Spandex Products

GB/T 18916.45 Water quota Part

45.Recycled polyester products

GB/T 18916.48 Water Intake Quota Part

48.Vinylon Products

GB/T 18916.49 Water Intake Quota Part

49.Nylon Products