



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

GB/T 45267-2025

**Juvenile products - General technical requirements for
swimming accessories**

婴童用品 游泳运动配套用品通用技术要求

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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. 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 and coordinated by the National Working Group on Standardization of Infant and Child Products (SAC/SWG18). This document was drafted by: Nanjing Customs Light Industrial Products and Children's Products Testing Center, Guangzhou Customs Technical Center, Guangzhou Metrology and Testing Technology Center Research Institute, SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd., Aofei Entertainment Co., Ltd., Shanghai Customs Mechanical and Electrical Products Testing Technology Center, Shantou Customs Technology Center, Shenzhen Metrology and Quality Inspection Institute, Tuosheng (Beijing) Technology Development Co., Ltd., Guangdong Migs Technology Development Co., Ltd., Beijing China Light Industry Federation Certification Center Co., Ltd., China Consumer Product Quality and Safety Promotion Association, China Toy and Baby Products Association, Zhejiang Provincial Toy and Maternity and Baby Products Association, Guangdong Maternity and Baby Products and Services Association, Amazon (China) Investment Co., Ltd. The main drafters of this document are. Wang Zan, Fang Han, Zhang Jie, Wu Xiaojun, Lu Xuanben, Zhang Xiaoning, Gao Huan, Tian Jiaming, Lin Penghui, Luo Hengjun, Yang Zhipeng, Cao Xulong, Liu Wei, Li Yuhao, Huo Weiqiang, Qian Zhijuan, Li Yizhou, Ye Weilun, Du Hongzhong, Yang Xiuqing, Xu Bo, Lu Jianwei, Yin Zhijie. Baby and child supplies, swimming and sports accessories, general Technical requirements

1 Scope

GB/T 45267-2025 is the Chinese standard for children's swimming accessories: the neck rings, arm bands, seats, floats and swim trainers used with infants and young children in pools and baths. The category exists in a gap: these are not lifesaving equipment and they are not toys, and the danger is precisely that a parent may treat them as the first. The

standard sets the classification, the general requirements on materials and their harmlessness, the structural and performance requirements including buoyancy and its retention, the resistance of the inflation valve and of the seams, the stability of the product in use, the requirements on cords, gaps and entrapment, the mandatory warnings that state the product does not protect against drowning and that adult supervision is required, and the corresponding test methods and inspection rules. For a manufacturer or an importer selling infant swimming products into China, this is the text a product is accepted against.

This document specifies the general technical requirements for children's plastic swimming caps, goggles, nose clips and earplugs, and describes the corresponding test methods. This document applies to plastic swimming caps, goggles, nose clips and earplugs worn by children aged 6 and above and under 14 years old when swimming. This document does not include the requirements and test methods for the optical performance, anti-fog performance, and anti-leakage performance of children's plastic swimming goggles. This document is not applicable For children's swimming goggles with corrective lenses.

2 Normative references

The contents of the following documents constitute 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 528-2009 Determination of tensile stress-strain properties of vulcanized rubber or thermoplastic rubber

GB/T 529-2008 Determination of tear strength of vulcanized rubber or thermoplastic rubber (trouser-shaped, right-angled and crescent-shaped test specimens)

GB/T 1040.1-2018 Determination of tensile properties of plastics Part

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Tensile strength The maximum tensile stress in the specimen during stretching to fracture.

3.2 Elongation at break The percent elongation of the specimen at break. [Source: GB/T 528-2009, 3.5]

4 Migration of certain elements

GB/T 22048 Determination of certain phthalate plasticizers in toys and children's products

GB/T 29614 Determination of polycyclic aromatic hydrocarbons content in vulcanized rubber

GB/T 38420 Determination of migration of bisphenol A in polycarbonate and polysulfone materials for toys - High performance liquid chromatography-tandem mass spectrometry

GB/T 41524 Determination of short-chain chlorinated paraffins in toy materials - Gas chromatography-mass spectrometry

GB/T 43571 Determination of mobile organic tin in toy materials - Gas chromatography-tandem mass spectrometry ISO 48-