

Translated English of Chinese Standard: GB/T34624-2019

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 97.180;97.220

Y 50;Y 56

GB/T 37624-2019

**Stationery and sport products and parts - General
requirements on volatile organic compounds (VOC)**

文体用品及零部件 对挥发性有机化合物（VOC）的总体要求

Issued on: June 04, 2019

Implemented on: January 01, 2020

**Issued by: State Administration for Market Regulation;
Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword.....3

1 Scope.....4

2 Normative references.....4

3 Terms and definitions5

4 Classification.....5

5 VOC limit requirements6

 5.1 Requirements on volatile organic compound emissions6

 5.2 VOC content requirements.....6

 5.3 Other requirements7

6 Sample preparation (sampling) rules7

7 Test method7

8 Arbitration rules8

Stationery and sport products and parts - General requirements on volatile organic compounds (VOC)

1 Scope

This Standard specifies the limit requirements, sample preparation (sampling) rules, test methods and arbitration rules on volatile organic compounds (VOC) of stationery and sport products and parts.

This Standard applies to related stationery and sports products in C241 and C244 of category C (manufacturing) in GB/T 4754-2017, such as balls and equipment, gymnastics equipment, track and field equipment, weightlifting equipment, water (ice and snow) sports equipment, fitness equipment, archery equipment, fencing equipment, martial arts equipment, camping and mountaineering equipment, fishing equipment, sports protective equipment, various sports equipment parts in sports equipment, and rubber and plastic stationery, metal stationery, student stationery, playing cards, painting materials, paper products, office stationery and other related stationery products and parts of various materials and purposes.

This Standard does not apply to hide, rubber, and leather inflatable sports balls, nor does it apply to table tennis equipment and parts.

2 Normative references

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

GB/T 4754-2017, Industrial classification for national economic activities

GB 18580, Indoor decorating and refurbishing materials - Limit of formaldehyde emission of wood-based panels and finishing products

GB 21027, Request in common use of security for student's articles

GB/T 32613-2016, Determination of chlorohydrocarbon in correction stationery - Gas chromatographic method

GB/T 35456, Stationery and sport products and its parts - Test method for volatile organic compounds (VOC)

The limits of volatile organic compounds (VOC) content in stationery and sports products for children shall meet the relevant requirements in GB 21027.

5.3 Other requirements

Stationery and sport products and parts shall not contain volatile chlorinated hydrocarbons.

Note: Volatile chlorinated hydrocarbons include: dichloromethane, 1,1-dichloroethane, 1,2-dichloroethane, trichloromethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, carbon tetrachloride, trichloroethylene and other chlorinated hydrocarbons that meet the definition of volatile organic compounds.

6 Sample preparation (sampling) rules

6.1 When the sample is tested for VOC content, the sample preparation (sampling) of the to-be-tested sample can be carried out according to the different conditions of "solid sample" and "liquid sample", and in accordance with the relevant requirements of GB/T 35456.

6.2 When the sample is subjected to volatile organic compound emissions determination, in principle, it is not suitable to cut, slice, smash and damage the sample in other physical ways. For larger stationery and sports products (especially larger sports equipment), VOC-containing parts and components shall be specifically selected for testing; for smaller stationery and sports products, the overall test shall be carried out during the measurement.

6.3 When samples are tested for volatile organic compound emissions, the start date of the test shall not be less than 15 days from the sample production date.

7 Test method

7.1 The volatile organic compound emissions test of stationery and sports products and the volatile organic compound content test of stationery and sports products for adults shall be conducted in accordance with the relevant requirements in GB/T 35456. Among them, the volatile organic compound emissions test of artificial board products in stationery and sports products is performed according to the test conditions that are specified in GB 18580.

7.2 The volatile organic compound content test of stationery and sports products for children shall be performed in accordance with the relevant test methods in GB 21027.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----