

Translated English of Chinese Standard: GB/T42943-2023
www.ChineseStandard.net → Buy True-PDF → Auto-delivery.
Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 85.080

CCS Y 39

GB/T 42943-2023

General principles for pulp molding products

纸浆模塑制品技术通则

Issued on: August 06, 2023

Implemented on: March 01, 2024

**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 definitions	5
4 Raw materials	5
5 Requirements	5
6 Test methods	6
7 Inspection rules	6
8 Marking, packaging, transportation, and storage	8

Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 “Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents”.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing authority of this document shall not be held responsible for identifying any or all such patent rights.

This document was proposed by China National Light Industry Council.

This document shall be under the jurisdiction of National Technical Committee on Paper Industry of Standardization Administration of China (SAC/TC 141).

Drafting organizations of this document: China National Pulp and Paper Research Institute Co., Ltd., Wing Fat (Jiangsu) Molded Fiber Packaging Technology Co., Ltd., Sinolight Paper Inspection and Certification Co., Ltd., Wing Fat (Henan) Molded Fiber Technology Development Co., Ltd., Qingdao Wing Fat Molded Fiber Co., Ltd., Shenzhen YUTO Packaging Technology Co., Ltd., Hangzhou Tomato Environmental Protection Technology Co., Ltd., Zhejiang Zhongxin Environmental Protection Technology Group Co., Ltd., Chongqing Kaichen Technology Co., Ltd., Guangxi FirstPak Environmental Technology Co., Ltd., Shandong Bohui Paper Co., Ltd.

Main drafters of this document: Gao Jun, Cui Liguang, Zhang Jingfan, Zhao Shixin, Chen Junzhong, Ai Yongzhong, Zhang Xinchao, Cui Xiaofeng, Liu Zhongqing, Liu Aiqing, Wang Jianhua, Teng Bubing, Liu Linhui, Zhang Shuming, Zhao Wei, Meng Yi, Wen Jianyu, Wang Xinting.

General principles for pulp molding products

1 Scope

This document specifies the requirements, inspection rules, marking, packaging, transportation, and storage of pulp molding products, and describes the corresponding test methods.

This document applies to the production, inspection, and sale of all pulp molding products, except pulp molding products for food contact.

2 Normative references

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

GB/T 462 Paper, board and pulps - Determination of moisture content of analytical sample

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 22804 Pulp, paper and board - Determination of mercury content

GB/T 22904 Pulp, paper and board - Determination of total chlorine and organically bound chlorine

GB/T 24990 Paper, board and pulps - Determination of chromium

GB/T 24991 Paper, board and pulps - Determination of lead content - Graphite furnace atomic absorption spectrometry method

GB/T 24997 Paper, board and pulps - Determination of cadmium content - Atomic absorption spectrometric method

GB/T 26125 Electrical and electronic products - Determination of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

GB 31604.49 National food safety standard - Food contact materials and products - Determination of arsenic, cadmium, chromium and lead and determination of migration of arsenic, cadmium, chromium, nickel, lead, antimony and zinc

6 Test methods

6.1 Delivery moisture

It is determined according to the provisions of GB/T 462.

6.2 Heavy metals

Lead (Pb) is determined according to the provisions of GB/T 24991, chromium (Cr) is determined according to the provisions of GB/T 24990, mercury (Hg) is determined according to the provisions of GB/T 22804, cadmium (Cd) is determined according to the provisions of GB/T 24997. Microwave digestion method is used for pretreatment. Lead (Pb), chromium (Cr) and cadmium (Cd) can also be determined according to the provisions of GB 31604.49. In case of arbitration, it is determined according to the provisions of GB 31604.49. The sum of the determined values of the 4 heavy metals is the total amount of heavy metals (Pb, Cr, Hg, Cd).

6.3 Polybrominated biphenyls and polybrominated diphenyl ethers

It is determined according to the provisions of GB/T 26125.

6.4 Organically bound chlorine

It is determined according to the provisions of GB/T 22904.

6.5 Phthalates

It is determined according to the provisions of GB/T 37860.

7 Inspection rules

7.1 The manufacturer shall ensure that the pulp molding products produced meet the requirements of Clause 5. The delivery quantity of pulp molding products continuously produced with the same specifications, the same raw materials, and the same process is one batch, and each batch shall not exceed 10 thousand.

7.2 The counting sampling inspection procedure is carried out according to the provisions of GB/T 2828.1. The sample unit of pulp molding products is a box or a bundle. Acceptance quality limit (AQL): AQL = 4.0 for heavy metals, polybrominated

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 -----