Chinastandards.org

ICS 59.100.20
CCS Q51

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6423-2025

Migration test method of graphene related two-dimensional (2D) material in textiles

纺织品中石墨烯相关二维材料的迁移试验方法

(English Translation)

Issued on: December 17, 2025 **Implemented on: July 1, 2026**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yb-t-6423-2025

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Order information
5 Order contents
6 Technical requirements
7 Test methods
8 Inspection rules

1 Foreword

YB/T 6423-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

The YB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the methods, test procedures, migration calculation, and test reports for the migration testing of graphene-related two-dimensional materials modified in textiles, textile fibers, and yarns. This standard applies to the migration testing of graphene-related two-dimensional materials in clothing, respiratory protective textiles, textile fibers, and yarns; other types of textiles may also refer to this standard.

YB/T 6423-2025 falls under ICS 59.100.20, in the field of textile and leather technology.

This catalogue holds 25 other YB/T standards in that field.

In this catalogue, YB/T standards carry edition years from 1980 to 2026.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yb-t-6423-2025

3 About this standard

Sector: Ferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 3518-2023 - Flake graphite

GB/T 3521-2023 - Methods for chemical analysis of graphite

YB/T 6428-2025 - Coke Oven Drying Technology Inspection and Acceptance Requirements

YB/T 6427-2025 - Construction and Acceptance Specifications for Installation Engineering of Metal-Containing Dust and Sludge Disposal and Regeneration Equipment in Metallurgy

YB/T 6426-2025 - Coke Oven Heat Balance Measurement and Calculation Specifications

5 Classification and status

International classification (ICS): 59.100.20

Chinese Standard Classification (CCS): Q 51

Prefix YB/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yb-t-6423-2025