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

GB/T 45512-2025

**Textiles - Quantitative chemical analysis - Mixtures of
polybenzimidazole fiber with certain other fibers**

纺织品 定量化学分析 聚苯并咪唑纤维与某些其他纤维的混合物

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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.

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.

This document is under the jurisdiction of the National Technical Committee on Standardization of Textiles (SAC/TC 209).

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Quantitative Chemical Analysis of Textiles Mixtures of polybenzimidazole fibers and certain other fibers

1 Scope

This document describes the chemical analysis method for the determination of fiber content in a two-component mixture of polybenzimidazole fibers after removal of non-fiber matter. Quantitative method.

This document applies to polybenzimidazole fibers and certain protein fibers (sheep wool, mulberry silk, etc.), regenerated cellulose fibers (Lyocell fibers Fibers such as viscose, polyester, polyamide, and polyvinyl alcohol Fibers such as polyacrylonitrile, certain modified polyacrylonitrile, polyurethane elastic fibers, acetate, triacetate, polylactic acid and certain A two-component mixture of some meta-aromatic polyamide fibers.

Note. Appendix A gives the test method for identification of meta-aromatic polyamide fibers, para-aromatic polyamide fibers and polybenzimidazole fibers.

2 Normative references

GB/T 2910.1

GB/T 2910.4

GB/T 2910.6

GB/T 2910.10

GB/T 2910.11

GB/T 2910.12

GB/T 2910.14

GB/T 2910.24

GB/T 2910.25

GB/T 38015-2019

3 Terms and definitions

There are no terms or definitions that require definition in this document.