

Translated English of Chinese Standard: GB/T2910.23-2009

www.ChineseStandard.net

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 59.080.01

W 04

GB/T 2910.23-2009

Textiles – Quantitative Chemical Analysis – Part 23: Mixtures of Polyethylene and Polypropylene (Method Using Cyclohexanone)

GB/T 2910.23-2009 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~25 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: June 15, 2009

Implemented on: January 1, 2010

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;**

Standardization Administration of PRC.

Table of Contents

Foreword.....	3
1 Scope	5
2 Normative References.....	5
3 Principles.....	5
4 Reagents.....	5
5 Apparatus.....	6
6 Test Procedures	6
7 Result Calculation and Expression.....	6
8 Precision	6

- Part 19: Mixtures of Cellulose Fibres and Asbestos (Method by Heating);
- Part 20: Mixtures of Elastane and Some Other Fibers (Method Of Using Dimethylacetamide);
- Part 21: Mixtures of Chlorofibers, Certain Modacrylics, Certain Elastanes, Acetates, Triacetates and Certain Other Fibers (Method Using Cyclohexanone);
- Part 22: Mixtures of Viscose or Certain Types of Cupro or Modal or Lyocell and Flax of Ramie Fibres (Method Using Formic Acid and Zinc Chloride);
- Part 23: Mixtures of Polyethylene and Polypropylene (Method Using Cyclohexanone);
- Part 24: Mixtures of Polyester and Some Other Fibers (Method Using Phenol and Tetrachloroethane);
- Part 101: Mixtures of Soybean Protein Composite Fibre and Certain Other Fibers.

This Part belongs to Part 23 of GB/T 2910.

GB/T 2910-1997 is replaced by the following standards: GB/T 2910.1, GB/T 2910.3, GB/T 2910.4, GB/T 2910.6, GB/T 2910.7, GB/T 2910.8, GB/T 2910.9, GB/T 2910.10, GB/T 2910.11, GB/T 2910.12, GB/T 2910.13, GB/T 2910.14, GB/T 2910.15, GB/T 2910.16, GB/T 2910.17, GB/T 2910.18, GB/T 2910.19 and GB/T 2910.22.

This Part refers to ISO/CD1833-23:2006 *Textiles – Quantitative Chemical Analysis – Part 23: Mixtures of Polyethylene and Polypropylene (Method Using Cyclohexanone)*.

This Part was proposed by China National Textile and Apparel Council.

This Part shall be under the jurisdiction of Basic Branch of National Technical Committee for Standardization of Textile (SAC/TC 209/SC 1).

Drafting organizations of this Part: State Textile Products Quality Supervision and Inspection Center, Institute of Textile Industry Standardization.

Chief drafting staffs of this Part: Zhu Ying.

Textiles – Quantitative Chemical Analysis – Part 23: Mixtures of Polyethylene and Polypropylene (Method Using Cyclohexanone)

1 Scope

This Part of GB/T 2910 specifies method using cyclohexanone to determine, after removing the non-fibrous substances, the content of polyethylene fiber.

This Part is only applicable to the mixtures of polyethylene and polypropylene blend fiber.

2 Normative References

The provisions in following documents become the provisions of this Part through reference in this Part of GB/T 2910. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Part, however, parties who reach an agreement based on this Part are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 2910.1 Textiles - Quantitative Chemical Analysis - Part 1: General Principles of Testing (GB/T 2910.1-2009, ISO 1833-1:2006, IDT)

3 Principles

Use cyclohexanone to dissolve and remove the polypropylene fiber from the mixture with the known dry mass. Collect the residues, clean, dry and weigh; use the modified mass to calculate its mass percentage in the dry mass of mixture. The mass fraction of polypropylene fiber can be obtained from the difference above.

4 Reagents

Use the reagents specified in GB/T 2910.1 and this Part.

4.1 Cyclohexanone: boiling point of 156°C.

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 -----