

ICS 59.080.01

CCS W 04



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

GB/T 2910.10-2009

**Textiles -- Quantitative chemical analysis -- Part 10: Mixtures of
triacetate or polylactide and certain other fibres (method using
dichloromethane)**

(English Translation)

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1 Scope

This Part of GB/T 2910 specifies a method, using dichloromethane, to determine the percentage of triacetate, after removal of non-fibrous matter, in textiles made of binary mixtures of triacetate or polylactide and wool, regenerated protein, cotton (scoured, kiered, or bleached), viscose, cupro, modal, polyamide, polyester, acrylic and glass fibres.

Triacetate fibres which have received a finish leading to partial hydrolysis cease to be completely soluble in the reagent. In such cases, this method is not applicable.

2 Normative references

The following standards contain the provisions which, through reference in this part of GB/T 2910, constitute the provisions of this Part. For dated references, subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this

Part.

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 Principle

The triacetate fibre is dissolved out from a known dry mass of the mixture, with dichloromethane. The residue is collected, washed, dried and weighed; its mass, corrected

if necessary, 1s expressed as a percentage of the dry mass of the mixture. The percentage of triacetate 1s found by the difference.

4 Reagents

Use the reagents described in GB/T 2910.1 together with those given in 4.1.

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