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SN

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

SN/T 1690.2-2013

**Analysis of new type textile fibre component. Part 2: PTT, PBT
fiber. The nuclear magnetic resonance spectroscopy method
(English Translation)**

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Foreword

SN/T 1690 "new textile fiber component analysis" is divided into two parts.

--- Part 1. soybean protein fiber content assay nitrate;

--- Part 2. PTT, PBT fiber nuclear magnetic resonance spectroscopy.

This section SN/T 1690 Part 2.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 1690 provisions of this part of the qualitative analysis of ordinary polyester fiber polyester (PET), PTT and PBT fibers and PET/PTT, PET/PBT and PTT/PBT blends two component, PET/PTT/PBT three-component blends, PET, PTT and Two-component or multi-component blends quantitative analysis of the fiber and other non-PBT polyesters fibers.

This section applies to PET, PTT and PBT fiber identification, and PTT, PBT and PET or other non-polyester fibers Quantitative analysis of two or multi-component blends.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2910 (all parts) Textiles - Quantitative chemical analysis GB/T 8170 Revised figures indicate about the rules and limit values and judgment Prepare for chemical testing laboratory samples and specimens GB/T 10629 Textiles FZ/T 01057.1 Test method for identification of textile fibers - Part 1. General Description FZ/T 01057.3 Test method for

identification of textile fibers - Part 3. Microscopy FZ/T 01057.4 Test method for
identification of textile fibers - Part 4. dissolution method FZ/T 01057.6 Test method for
identification of textile fibers Part 6. mp Law FZ/T 01057.8 Test method for identification of
textile fibers infrared absorption spectroscopy identification methods

3 Terms and Definitions

The following terms and definitions apply to this document.

PTT fiber polytrimethyleneterephthalate fiber 1,3-propanediol ester of terephthalic namely
polyethylene terephthalate fiber, the molecular chain containing at least 85% (by mass) of
Fiber linear macromolecules, is a polyester fiber.

PBT fiber polybutyleneterephthalate fiber Namely polyethylene terephthalate, polybutylene
terephthalate fiber, the molecular chain containing at least 85% (by mass) of 1,4-butylene
terephthalate Fiber linear macromolecules, is a polyester fiber.

Polyester fiber Fiber linear macromolecules glycol esters of terephthalic acid consisting of a
molecular chain containing at least 85% (by mass), including polyethylene terephthalate
Polyethylene terephthalate fibers (polyester, PET fiber), polyethylene terephthalate fiber
(PTT fiber) and polybutylene terephthalate Ester fiber (PBT fibers) and the like.