

ICS 59.080.30
CCS W 04



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

GB/T 24218.11-2012

Textiles -- Test methods for nonwovens -- Part 11: Run-off

纺织品 非织造布试验方法 第11部分：溢流量的测定

(English Translation)

Issued on: June 29, 2012

Implemented on: December 1, 2012

Issued by: Standardization Administration of China

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Method I. Basic test methods
- 4.1 Principle

Foreword

GB/T 24218 "textile non-woven fabric test method" is divided into the following sections.

- Part 1. Determination of mass per unit area;
- Part 2. Determination of thickness;
- Part 3. breaking strength and elongation measurement (strip method);
- Part 5. Determination of resistance to mechanical penetration (ball burst method);
- Part 6. Determination of absorption;
- Part 8. Determination of liquid penetration time (simulated urine);
- Part 10. Determination of Luoxu;
- Part 11. Determination of overflow traffic;
- Part 12. Determination of compression of the absorbent;
- Part 13. Determination of liquid repeatedly through the time;
- Part 14. Determination of wet coating material return amount;
- Part 15. Determination of permeability;
- Part 16. Determination of resistance to water (hydrostatic method);
- Part 17. Determination of water permeability (spray impact method);
- Part 18. breaking strength and elongation measurement (Grab method);

Determination of resistance to saline properties (Mason flask method). Part --- 101.

GB/T 24218 "textile non-woven fabric test method" section above (except section 101) and the ISO 9073 series of standards Corresponding to the section.

Part 4 and ISO 9073, Part 7 and Part 9 corresponding national standards are as follows.

--- GB/T 3917.3 Textiles - Tear properties of fabrics - Part 3. Determination of tear force of trapezoidal shaped test specimens (GB/T 3917.3-2009, ISO 9073-4:1997, MOD);

--- GB /18318.1 Textiles - Determination of bending properties - Part 1 T. slant method (GB/T 18318.1-2009, ISO 9073-7:1995, MOD);

--- GB/T 23329 Textiles - Determination of fabric drape (GB/T 23329-2009, ISO 9073-9:2008, MOD).

This section GB/T 24218 Part 11.

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

This section uses redrafted Law Amendment uses ISO 9073-11:2002 "Textiles nonwovens Test methods - Part 11. Overflow Flow "(in English).

Part of this ISO 9073-11:2002 main differences are as follows.

--- Remove the foreword and introduction;

--- Simplifies Chapter 1;

--- Normative references in the international standard is replaced by the corresponding national standards, to delete the reference to ISO 186;

--- Increasing the sample table inclination angle tolerance in 4.2.1;

--- 4.2.5 adds the note;

--- 4.2.6 NOTE refine the content;

--- Modify the sampling method 4.3 and 5.3;

--- Adds in explanation of the letter symbols of formula (1);

--- 4.5.10 will split 6.5 Note 1 for 4.5.10 and 4.5.11.

This part is proposed by the China Textile Industry Association.

This part of the National Textile basic standards Standardization Technical Committee Technical Committee (SAC/TC209/SC1) centralized.

This section drafted by. National Textile Products Quality Supervision and Inspection Center, Shenzhen City, measuring Detection Technology Co., Ltd., China Textile Standard (North Beijing) Limited Test and Certification Center.

1 Scope

This section GB/T 24218 specifies the quality of certain test liquid (simulated urine) absorbed by the non-woven fabric sample was measured after spill the method of liquid

quality.

This section can be used to compare different overflow traffic nonwoven fabric sample, but not to simulate actual conditions of use of the final product.

This section provides three different test methods.

- a) Method I. basic test method for the hydrophilic non-woven fabric;
- b) Method II. Repeat test method, using the same test parameters a) with;
- c) Methods III. small angle test methods, and the use of a) different inclination test bed for hydrophobic nonwoven fabric.

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 6529 Textiles conditioning and testing using standard atmosphere (GB/T 6529-2008, ISO 139:2005, MOD) GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD) GB/T 24218.6 Textiles nonwovens Test methods - Part 6. Determination of absorption (GB/T 24218.6-2010, ISO 9073-6:2000, MOD) GB/T 24218.8 Textiles nonwovens - Test methods - Part 8. Determination of liquid penetration time (simulated urine) (GB/T 24218.8-2010, ISO 9073-8:1995, MOD)

3 Terms and Definitions

The following terms and definitions apply to this document.

Overflow traffic run-off the remaining amount of the liquid flowing through the liquid sample after the units of grams (g).

Overflow percentage percentrun-off the percentage of liquid overflow accounted initial liquid mass,%.

4.1 Principle

Sample and overlapping absorbent pad placed on the bench having a certain inclination angle. Within a predetermined time, a certain quality analog urine Devoted to the standard sample of the absorbent pad, placed in the bottom of the standard sample receiving pad residual analog sample flowing through the urine collection. Weigh