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**FZ**

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

**FZ/T 25005-2021**

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**Batt-on-mesh papermaking felt**

底网造纸毛毯

**(English Translation)**

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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 of Standardization Documents" Drafting.

This document replaces FZ/T 25005-2012 "Bottom Net Papermaking Blankets". Compared with FZ/T 25005-2012, the main technical changes are as follows.

---Modified the classification of bottom net papermaking felts (see Chapter 4, Table 1 of the 2012 edition);

---Deleted grades and grading (see 4.1 and 4.2 of the 2012 edition);

---The thickness requirements of the corresponding products have been increased (see 5.1.3);

---Modified the product width requirements (see Table 1, Table 1 of the 2012 edition);

---Modified the air permeability requirements of the product (see Table 2, Table 1 of the 2012 edition);

---Modified the radial fracture strength requirements (see Table 3, Table 1 of the 2012 edition);

---Revised the appearance defect requirements (see Table 4, Table 2 of the 2012 edition).

This document was proposed by the China National Textile and Apparel Council.

This document is under the jurisdiction of the Wool Textile Subcommittee of the National Textile Standardization Technical Committee (SAC/TC209/SC3).

Drafting organizations of this document. Shanghai Jinxiong Paper Mesh Co., Ltd., Xuzhou Sanhuan Industrial Woolen Technology Co., Ltd., Jiangsu Jinwoo Cheng Textile Co., Ltd.,

Dongguan Youbang Mesh Carpet Co., Ltd., Sichuan Huanlong Technical Textile Co., Ltd., Shanghai Textile Group Testing Standards Co., Ltd., China Industrial Textile Industry Association.

## 1 Scope

This document specifies the terms and definitions, classification, technical requirements, test methods, inspection rules, packaging, marking, and transportation of bottom net papermaking felts.

And storage, etc.

This document is applicable to the quality appraisal of bottom-net papermaking blankets.

## 2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

FZ/T 25002 Test method for papermaking felt

## 3 Terms and definitions

The following terms and definitions apply to this document.

Technical textiles used in the press part of a paper machine to undertake press dewatering, paper transfer and paper surface finishing.

## 4 Categories

### 4.1

Bottom-net papermaking blankets can be divided into single-layer bottom-net papermaking blankets, double-layer bottom-net papermaking blankets and laminated bottom-net papermaking wools according to the organization of the basic network layer.

blanket. Among them, the laminated bottom net papermaking felt can be divided into (1 1), (1 2), (2 1) and (1 1 1) according to the number and type of superimposed base nets.

**Note:** 1 represents a single-layer net, 2 represents a double-layer net, sorted by the side contacting the paper surface.

### 4.2

Bottom-net paper-making blankets can be divided into bottom-net paper-making blankets for packaging paper, bottom-net paper-making blankets for cultural paper, and tissue

paper-making blankets according to suitable paper types.

Mesh paper felts and other paper bottom mesh paper felts.

## **5.1 Intrinsic quality requirements**

### **5.1.1**

The inherent quality requirements of bottom-net papermaking felts include felt width, length, square meter weight, thickness and air permeability, and radial fracture Strong.

### **5.1.2**

See Table 1 for the width, length and square meter weight requirements of the bottom net papermaking felt.