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TEXTILE INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

FZ/T 60003-91

Determination of Nonwoven Fabric Mass Per Unit Area

非织造布单位面积质量的测定

Approved on: June 07, 1991

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Approved by: Ministry of Textile Industry of the People's Republic of China

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Determination of Nonwoven Fabric Mass Per Unit Area

This Standard adopts by reference of international standard ISO 9073-1-1989 *Textiles – Test Methods for Nonwovens – Part 1: Determination of Mass Per Unit Area*.

1 Subject Content and Applicable Scope

This Standard specifies the determination method of nonwoven fabric mass per unit area.

This Standard is applicable to various kinds of nonwoven fabric.

2 Normative References

GB 6529 Standard Atmospheres for Textiles Conditioning and Testing

GB 8170 Rules for Rounding off of Numerical Values

3 Principle

Cut the specimen according to the specified size to measure its mass; and calculate it as the mass per square meter, the unit is g/m^2 .

4 Instruments and Apparatuses

4.1 The area of template that is used to cut the specimen is $50\,000\text{ mm}^2$ (that is, $250\text{ mm} \times 200\text{ mm}$); scissors and steel ruler, the scale of the steel ruler is accurate to 0.5 mm .

4.2 Weighing balance: its sensibility is 0.01 g .

5 Sampling

There shall be no obvious creases and flaws affecting the test quality on the sample. Samples shall be taken at a distance of more than 1 m from the end of the fabric, and a 1 m -long sample shall be cut for each variety.

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