

Translated English of Chinese Standard: GB/T33728-2017

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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 59.080.30

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GB/T 33728-2017

**Textiles – Evaluation for Electrostatic
Properties – Method of Static Decay**

纺织品 静电性能的评定 静电衰减法

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Issued on: May 12, 2017

Implemented on: December 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of PRC.**

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Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard was proposed by China National Textile and Apparel Council.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Textiles (SAC/TC 209).

Drafting organizations of this Standard: Shanghai Hi-Clean Static Test Technology Center, CTTC (Beijing) Inspection & Certification Center Co., Ltd., Shanghai Chenlong Static Technology Co., Ltd. Shandong RUYI Technology Group Co., Ltd., and Ningbo Textile Equipment Factory.

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Textiles – Evaluation for Electrostatic Properties – Method of Static Decay

1 Scope

This Standard specifies the test method and evaluation of static decay time of textiles.

This Standard is applicable to various types of textiles. Other membrane materials can be used for reference.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 8629-2001 Textiles – Domestic Washing and Drying Procedures for Textile Testing

3 Terms and Definitions

The following terms and definitions are applicable to this document.

3.1 Static decay time

The time required for the voltage of charged sample to decay to the given percentage of its starting value.

4 Principle

After the sample is charged to 5000V, turn off the power; the voltage on the sample is attenuated by earthing, then determine the time required by its voltage decaying to 500V.

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