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

GB/T 9914.3-2013

Replacing GB/T 9914.3-2001

**The method for reinforcement products -- Part 3: Determination
of mass per unit area**

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and Definitions

5 Instruments

5.1 polished metal template for sample preparation.

5.2 Suitable cutting tools. knife, scissors, knives or punching disc device.

5.4 Balance, having the characteristics listed in Table 1.

Foreword

GB/T 9914 "Test methods of enhancement" is divided into three parts.

--- Part 1. Determination of moisture content;

--- Part 2. Determination of glass fiber content of combustible material;

--- Part 3. Determination of mass per unit area;

This section GB/T 9914 Part 3.

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

This Part replaces GB/T 9914.3-2001 "Enhanced Test methods - Part 3. Determination of mass per unit area", and

The main difference between GB/T 9914.3-2001 are as follows.

--- Remove the GB/T 18374, an increase of GB/T 2918-1998 (see Chapter 2, Section 2 of the 2001 edition);

--- Increasing the definition of mass per unit area (see 3.1);

--- Increase the informative Appendix A (see Appendix A).

This section uses the translation method identical with ISO 3374.2000 "to enhance the quality of fabric and felt products per unit area was measured."

This part made the following editorial changes.

--- Consistent with the existing standard series, the standard name will be changed to "Enhanced Test methods - Part 3. measuring mass per unit area

set";

--- ISO 3344 does not appear in the text, ISO 5725-1.1994 and ISO 5725-2.1994 is out in the informative Appendix A

Now, so delete the ISO 3374.2000 in Chapter 2 of the three reference standards. After two ISO standards with the following two

Our file instead.

* GB/T 6379.1-2004 "measurement methods and results of Accuracy (trueness and precision) - Part 1. General and given

Righteousness "(idt ISO 5725-1.1994)

* GB/T 6379.2-2004 "measurement methods and results of Accuracy (trueness and precision) - Part 2. Determine the standard

Methods of measurement repeatability and reproducibility of the basic method "(idt ISO 5725-2.1994).

--- Revised ISO 3374.2000 Information Appendix A.1 of part A of tables.

This part of the National Standardization Technical Committee fiberglass (SAC/TC245) centralized.

This section is responsible for drafting. Nanjing Fiberglass Research and Design Institute Limited, the national glass fiber product quality supervision and inspection center.

1 Scope

This section GB/T 9914 specifies the method for determination of glass fiber, carbon fiber, aramid fiber products mass per unit area.

This method is applicable to the mat (chopped strand mat, continuous strand mat) and fabrics.

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 2918-1998 standard plastic sample conditioning and environmental tests (idt ISO 291.1997)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

Mass per unit area massperunitarea

Quality felt or fabric of a predetermined size and its area ratio.

Note. The quality including raw silk, as well as any other material tied or bonded strand or yarn.

Principle 4

It weighs the sample of known area, calculate the mass per unit area.

5.1 polished metal template for sample preparation.

--- Area 1000cm² for carpet squares;

--- Area of 100cm² for square or circular fabric.

Cut area of the sample taken of tolerance should be less than 1%.

By stakeholders agree, you can use a larger sample, in this case should be specified shape and size of the sample in the test report.

Both sides smooth and flat metal template.

5.2 Suitable cutting tools. knife, scissors, knives or punching disc device.

5.3 Sample dish. made of heat-resistant material, the sample surface enables good air circulation, without loss of the sample. It may be made from stainless steel wire

Basket.