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

GB/T 6006.3-2013

Replacing GB/T 6006.3-2001

Test method for glass mats -- Part 3: Determination of thickness

玻璃纤维毡试验方法 第3部分：厚度的测定

(English Translation)

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Foreword

GB/T 6006 "Test method for glass mat" is divided into three parts.

--- Part 1. Determination of the solubility of styrene;

--- Part 2. Determination of breaking tensile strength;

--- Part 3. Determination of thickness.

This section GB/T 6006 Part 3.

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

This Part replaces GB/T 6006.3-2001 "glass mat Test methods - Part 3. Determination of thickness", and GB/T 6006.3-Compared to 2001, in addition to editorial changes outside the main technical changes are as follows.

--- "2 Normative references" to remove the GB/T 18374-2001, increasing the GB/T 2918 and GB/T 9914.3 (See Chapter 2, Section 2 of the 2001 edition);

--- Added footnote in 5.7 and 5.8 (see Chapter 5);

--- Steel block B1 by the size of the opening diameter 15mm diameter 10mm modified (see FIG. 3);

--- "9 calculations and results are shown" added Symbol Description (see Chapter 9).

This section uses redrafted law revision using ISO 3616:2001 "Textile glass chopped strand mat and continuous strand mat average thickness Degree, loading and thickness recovery after compression degree of determination. " this part of ISO 3616:2001 and the technical differences for the following reasons.

--- On normative references, this part has been adjusted technical differences, in order to adapt our technical conditions, the adjusted situation Focus is reflected in the status of Chapter 2, "Normative references", the specific adjustments are as follows. Because the ISO 1886 has been abolished, so deleting the "Normative references" in ISO 1886.

--- Because ISO 1886 deleted, delete the corresponding "sampling" chapter (see ISO 3616:2001, Chapter 6).

--- For the test data is stable and reliable, increasing the sample or the laboratory sample humidity-time (see Chapter 7).

This part made the following editorial changes.

--- Standard name changed to "glass mat Test methods - Part 3. Determination of thickness." 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

GB/T 6006 provisions of this part of the glass fiber mat average thickness, and compression load measurement method of restoring degree.

This method is suitable for glass fiber chopped strand mat, continuous strand glass fiber mat.

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.

Test methods GB/T 9914.3 enhancements Part 3. Determination of mass per unit area (ISO 3374:2000, MOD) ISO 291 environmental standard plastic sample conditioning and testing (Plastics-Standardatmospherefor conditioningandtesting)

3 Terms and Definitions

The following terms and definitions apply to this document.

The average thickness of averagethickness According to the method prescribed mat thickness at a predetermined nominal micro pressure measured in millimeters (mm) as a unit.

NOTE: Use this method measured the thickness of a single layer and the average thickness of the mat is not necessarily directly related to the evaluation of the uniformity of the mat thickness must be built in the single-felt Sheet measuring results. Measurements need to use a smaller area than the contact measurement apparatus specified in the present process.

Loading thickness thicknessunderload According to the method prescribed under heavy

mat thickness required pressure after a predetermined time measurement, expressed as a percentage of average thickness.

After the recovery of the compressed recovery after compression in the mat thickness and weight of a predetermined pressure is removed after a predetermined time interval measured, expressed as a percentage of average thickness.

Principle 4

Under the provisions of the micro pressure measuring total stack thickness of at least two from the outer surface of the mat layer of 5mm between the values obtained from Except to the number of layers is the average thickness.

In both cases after the lapse of a predetermined time interval the pressure applied to a predetermined higher pressure and removed, the stack of measuring two mat the distance between the outer surfaces of the two values obtained is divided by the number of layers laminated mat, the thickness and the compression loading is obtained after the degree of recovery, He expressed as a percentage of the average thickness.