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

GB/T 11049-2008

Replacing GB/T 11049-1989

**Burning behaviour of carpets -- Tablet test at ambient
temperature**

地毯燃烧性能 室温片剂试验方法

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative references

4 Equipment and Materials

Foreword

This standard is identical with ISO 6925. 1982 "textile floor coverings combustion performance tablets at room temperature test" (English Version). The relative standard ISO 6925. 1982 is mainly made the following editorial changes.

--- Based on classification of carpet naming standard, the standard name in the "textile floor coverings" to "carpet";

--- Delete ISO 6925. 1982 Foreword;

--- Increasing the preface of this standard;

--- As a decimal point "," to the decimal point. "." this standard is GB/T 11049-1989 "textile floor coverings combustion performance test of tablets at room temperature," the amendment. versus GB/T 11049-1989 main changes are as follows.

--- Increasing the normative references;

--- The results are shown in the "Test results are the average of eight samples and maximum representation" with the words expressed by international standards, "the test results each sample should represent the maximum length of the damage. " the standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee carpet.

This standard was drafted. China Arts and Crafts Association of Professional Committee of carpets, rugs, Institute of Tianjin, Weihai Carpet Group has Ltd., Weihai carpet Limited.

1 Scope

This standard specifies the carpet under controlled laboratory conditions, in a horizontal position exposed to the surface of the burning behavior of a small fire source.

This standard applies to all kinds of organizational structures and components of carpet fibers.

This standard specifies the sample is in a horizontal position, the test results do not apply to the combustion performance of carpet used in other locations.

This method is used only under controlled laboratory conditions, carpet material or combination of system response to heat and flame performance evaluation, rather than using in carpet under actual fire conditions flammability rating or regulations. In trade, in accordance with ISO 2859 sampling program of sampling, this the method can serve as a satisfactory means test in commodity acceptance testing is widely used.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms of dated references, all subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to study under this agreement is standard Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

QB/T 1087 Carpets, physical testing of sampling and sample intercept method (QB/T 1087-2001, eqv ISO 1957.

1986)

ISO 139 textile standard debugging and testing atmosphere ISO 2589 Sampling procedures and tables Principle 3 Under specified conditions, the sample was exposed to a horizontal position in a small fire source namely hexamethylene tetramine tablet (hereinafter referred to as the tablet) in the role, and After measuring the damaged length and flame spread test time.

4 Equipment and Materials

4.1

chamber. internal dimensions of 300mm x 300mm x 300mm, made of hard refractory insulation board, asbestos cement board having a phase Like heat resistance, a thickness of not less than 6mm. Box top open, and there is a movable floor with the same material, junction adhesion.

NOTE: Other tests cabinet gives the same result can be used.

4.2

square metal plate. 230mm x 230mm, thickness (6.5 ± 0.5) mm, the middle to open the hole with a diameter of 205mm.

4.3

dryer. Store tablets and dried specimens. We recommend using color gel as a desiccant.

4.4

Oven. proper ventilation and climate control. Inside temperature $(105 \pm 2) ^\circ\text{C}$.

4.5

Gloves. polyethylene, polypropylene and rubber gloves are available.

4.6

ruler. indexing value mm.

4.7

Cleaner. All contact with the sample surface should be smooth.

4.8

Laboratory fume hood. a volume of about 2m^3 , closed, exhaust device can be closed during the test. A front or side of the hood should be fitted for the samples were observed with windows.

4.9

Tablets. hexamethylene tetramine (hexamine tradename) flat tablets, each mass of (150 ± 5) mg, a diameter of 6mm.

NOTE: Tablets stored in a dryer can be reduced when the ignition rupture phenomenon.

4.10

Timer. You can use the stopwatch.

GB/T 11049-2008/ISO 6925. 1982