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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 4005-2013

Test methods for testing the burning behaviour of resilient filling materials used in furniture, Loss in mass

家具多孔弹性材料燃烧试验方法 重量损失法

(English Translation)

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Foreword

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

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. Academy of Inspection and Quarantine, Shenzhen, People's Republic of China SZCIQ.

1 Scope

This standard specifies the use of a smoldering cigarette as the ignition source for furniture porous elastic material smoldering test conditions and methods for measuring Given its burning weight loss percentage.

This standard applies to furniture blocks of porous elastic material, such as sponge, EVA foam material combustion measuring the weight loss.

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 6529 Textiles Standard conditioning and testing atmosphere Assessment - Part 1 GB 17927.1 mattresses and upholstered furniture sofas resistance to ignition. smoldering cigarette

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3 Terms and Definitions

GB 17927.1 define the following terms and definitions apply to this document.

Percent weight loss percentoflossinmass the weight loss of the sample after burning accounts on the original weight percentage (%).

Carbonized carbonaceous at high temperature, the material is converted to burn off easily and the color black material.

Principle 4

After weighing the sample pretreated using smoldering cigarette as the ignition source smolder after weighing the weight of the sample, the sample is calculated the percent weight loss.

5.1 Test fence

Test fence for eliminating the environmental impact of air flow testing, fence construction and specifications in Appendix A.

5.2 Combustion test stand

Combustion test stand according to the technical requirements specified in appendix B.

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