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

SN/T 3612-2013

**Test methods for testing the burning behaviour of resilient
filling materials used in upholstered furniture. Vertical method
(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. Shenzhen Inspection and Quarantine Science Research Institute, Shenzhen People's Republic of China Entry-Exit Inspection and Quarantine Bureau, Dongguan City East Instrument Co., Ltd. Ming.

1 Scope

This standard specifies the furniture elastic filler material vertical combustion performance test conditions and methods for measuring the elastic filler material hanging furniture Straight time burning continued burning, smoldering time and char length and other characteristics.

This standard applies to furniture to block soft elastic filler material, as determined sponge, EVA foam material vertical combustion properties.

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 5455 Textiles - Burning behavior - Vertical method GB 6529 textiles conditioning and testing standard atmosphere

3 Terms and Definitions

GB/T 5455 defined by the following terms and definitions apply to this document.

Char length char length After the sample under the test conditions specified ignition combustion, from the end of contact with the flame combustion of the sample to the sample after the end of the damaged upper empty area Distance from the edge of the gap. Before measuring the length of the damage should be easily removed to clear all the char.

Principle 4

Under certain conditions, with the provisions of the source of fire ignition sample 12s, so that the vertical sample combustion, measuring the sample continued burning time, charring and smoldering time length.

5.1 Vertical burning tester

Vertical burning tester comprises a combustion chamber, sample holder and the burner. Vertical burning tester according to the technical requirements specified in Appendix A.

Gas 5.2

Methane or butane gas, the purity of 99% or more.