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ICS 13.220.50
CCS C82

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 5464-2010

Non-combustibility test method of building materials

建筑材料不燃性试验方法

(English Translation)

Issued on: March 31, 2026 **Implemented on: October 1, 2026**

Issued by: State Administration for Market Regulation, China National Standardization Administration

Preview: page 1 of 4 shown, 9 in the full document. Complete English PDF, instant download:
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Table of Contents

1 Scope
2 Normative References
3 Terms and Definitions
4 Test Apparatus
4.1 General
4.2 Furnace, Stand and Draught Shield
4.3 Specimen Holder and Insertion Device
4.4 Thermocouples
4.5 Contact Thermocouple
4.6 Mirror
4.7 Balance
4.8 Voltage Stabilizer
4.9 Variable Transformer
4.10 Electrical Input Monitor
4.11 Power Controller
4.12 Temperature Indicator
4.13 Timing Device
4.14 Desiccator
5 Test Specimen
5.1 General
5.2 Preparation
5.3 Number
6 Conditioning
7 Test Procedure
7.1 Test Environment
7.2 Setting up Procedure
7.3 Calibration Procedure
7.4 Standard Test Procedure
7.5 Observations during Test
8 Expression of Results
8.1 Mass Loss
8.2 Flaming

Preview: page 2 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-5464-2010

8.3 Temperature Rise
9 Test Report

1 Foreword

GB/T 5464-2010 was issued by State Administration for Market Regulation, China National Standardization Administration on 31 March 2026 and has been in force since 1 October 2026.

It replaces the earlier edition GB/T 5464-1999, GB/T 5464-1985.

The GB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies a method of test for determining the non-combustibility performance, under specified conditions, of homogeneous building products and substantial components of non-homogeneous building products. Information on the precision of the test method is given in Annex A.

GB/T 5464-2010 falls under ICS 13.220.50, in the field of environment and health protection, safety.

This catalogue holds 2,330 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 Normative references

GB/T 16839.2-1997 - "Thermocouples-Part 2: Tolerances" (idt IEC 60584-2:1982)

ISO 13943 - "Fire Safety-Vocabulary"

EN 13238 - "Reaction to Fire Tests for Budding Products-Conditioning Procedures and General Rules for Selection of Substrates"

4 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, China National Standardization Administration

English translation: about 9 pages (approximate)

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Chinese original: about 14,165 characters

5 Related standards

Other editions:

GB/T 5464-2026 (later edition)

GB/T 5464-1999 (earlier edition)

GB/T 5464-1985 (earlier edition)

Standards on related subjects:

GB/T 9978.8-2008 - Fire-resistance tests -- Elements of building construction -- Part 8: Specific requirements for non-loadbearing vertical separating elements

GB/T 9978.1-2008 - Fire-resistance tests -- Elements of building construction -- Part 1: General requirements

GB/T 7633-2008 - Fire resistance tests -- Door and shutter assemblies

GB/T 9978.3-2026 - Fire-resistance tests of building elements - Part 3: Guide to application of test methods and results

GB/T 9978.10-2026 - Fire resistance tests of building elements - Part 10: Specific requirements for structural systems

6 Classification and status

International classification (ICS): 13.220.50

Chinese Standard Classification (CCS): C 82

Prefix GB/T: recommended standard.

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