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ICS 77.160
CCS H16

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 5124.1-2008

Methods for chemical analysis of hardmetals - Part 1: Determination of total carbon content - Gravimetric method and gas volumetric method

硬质合金化学分析方法 总碳量的测定 重量法

(English Translation)

Issued on: May 25, 2026 **Implemented on: December 1, 2026**

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

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9.3 Tree Species Selection

1 Foreword

GB/T 5124.1-2008 was issued by State Administration for Market Regulation, Standardization Administration of China on 25 May 2026 and has been in force since 1 December 2026.

It replaces the earlier edition GB/T 5124.1-1985.

It is one of 9 parts of the GB/T 5124 series.

2 Scope Preview

GB/T 5124.1-2008 falls under ICS 77.160, in the field of metallurgy.

This catalogue holds 3,436 other GB/T standards in that field.

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

3 About this standard

Sector: National Standard (Recommended)

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

English translation: about 18 pages (approximate)

Chinese original: about 26,275 characters

4 Related standards

Other parts of this standard:

GB/T 5124.2-1985 - Methods for chemical analysis of hardmetals--The gravimetric method for the determination of free (insoluble) carbon content

GB/T 5124.2-2008 - Part 2: Determination of insoluble(free) carbon content - Gravimetric method and gas volumetric method

GB/T 5124.2-2026 - Part 2: Determination of insoluble(free) carbon content - Gravimetric method and gas volumetric method

GB/T 5124.3-1985 - Methods for chemical analysis of hardmetals. The potentiometric method for the determination of cobalt content

GB/T 5124.3-2017 - Hard metals -- Part 3: Determination of cobalt -- Potentiometric method

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GB/T 5124.4-1985 - Methods for chemical analysis of hardmetals. The photometric peroxide method for the determination of titanium content

GB/T 5124.4-2017 - Hard metals -- Part 4: Determination of titanium content -- Photometric peroxide method

GB/T 5124.5-2024 - Methods for chemical analysis of hardmetals-Part 5: Determination of tantalum and niobium content-Inductively coupled plasma emission spectrometry

Other editions:

GB/T 5124.1-2026 (later edition)

GB/T 5124.1-1985 (earlier edition)

Standards on related subjects:

GB/T 3488.4-2022 - Hardmetals - Metallographic determination of microstructure - Part 4: Characterisation of porosity, carbon defects and eta-phase content

GB/T 51244-2017 - Code for engineering technology of tunnel coverage of public mobile telecommunications

GB/T 3850-2015 - Impermeable sintered metal materials and hard metals -- Determination of density

GB/T 51243-2017 - Technical code for internet of things application support platform engineering

5 Classification and status

International classification (ICS): 77.160

Chinese Standard Classification (CCS): H 16

Prefix GB/T: recommended standard.

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