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ICS 73.080
CCS Q 51

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 2783-2023

Method for determination of silicon carbide content in graphite

石墨中碳化硅含量的测定方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jc-t-2783-2023

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1 Foreword

JC/T 2783-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 July 2024.

The JC/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.

The document runs to 5 pages in English translation.

2 Scope Preview

This standard specifies the principles, reagents, instruments and equipment, sample preparation, test procedures, result calculation, and precision for the determination of silicon carbide content in graphite. This standard is applicable to the determination of silicon carbide content in graphite, with a measurement range of 0.0005% to 3.00%.

JC/T 2783-2023 falls under ICS 73.080, in the field of mining and minerals.

This catalogue holds 58 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

3 About this standard

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English translation: about 5 pages

Chinese original: about 7,727 characters

4 Related standards

Standards on related subjects:

GB/T 3521-2023 - Methods for chemical analysis of graphite

GB/T 3518-2023 - Flake graphite

GB/T 3074.4-2016 - Method for the determination of the coefficient of thermal expansion of graphite electrodes

JC/T 2854-2024 - Determination of Residual Collector and Frother in Graphite Concentrate

JC/T 2796-2023 - High purity graphite powder for silicon carbide single crystal

JC/T 2790-2023 - Microcrystalline graphite for zinc-manganese battery carbon rods

5 Classification and status

International classification (ICS): 73.080

Chinese Standard Classification (CCS): Q 51

Prefix JC/T: recommended standard.

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