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ICS 81.060.30
CCS Q 32

JC

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

JC/T 2779-2023

Test method for ion transmission performance of ceramic electrode materials

陶瓷电极材料离子传输性能试验方法

(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-2779-2023

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1 Foreword

JC/T 2779-2023 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 7 pages in English translation.

2 Scope Preview

This standard specifies a test method for determining the ion transmission properties of ceramic electrodes by electrochemical impedance spectroscopy (EIS). The ion transmission performance range of ceramic electrodes applicable to this standard is 10-10cm2/s ~ 10-16cm2/s.

JC/T 2779-2023 falls under ICS 81.060.30, in the field of glass and ceramics industries.

This catalogue holds 206 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 7 pages

Chinese original: about 9,945 characters

4 Related standards

Standards on related subjects:

JC/T 848.1-2010 - Alumina grinding ball

GB/T 8489-2006 - Test method for compressive strength of fine ceramics (advanced ceramics, advanced technical ceramics)

GB/T 6569-2006 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for flexural strength of monolithic ceramics at room temperature

JC/T 2917-2025 - Zirconia toughened alumina ceramic composite lining board

JC/T 2906-2025 - Test method for wear of small-sized spherical ceramic grinding media - Stirred Mill Method

JC/T 2778-2023 - Test method for conductivity of solid electrolytes for gas sensors

5 Classification and status

International classification (ICS): 81.060.30

Chinese Standard Classification (CCS): Q 32

Prefix JC/T: recommended standard.

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