Chinastandards.org

ICS 81.060.30
CCS Q 30

JC

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

JC/T 2886-2025

Test method for linear thermal expansion coefficient of ceramic coatings

陶瓷涂层线热膨胀系数试验方法

(English Translation)

Issued on: April 10, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2886-2025

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
4 Technical requirements
4.1 Classification
4.2 Designation
6 Test methods
7 Inspection Rules
9 Marking, Packaging, Transportation and Storage

1 Foreword

JC/T 2886-2025 was issued by Ministry of Industry and Information Technology on 10 April 2025 and has been in force since 1 November 2025.

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 method for determining the reproducible linear thermal expansion coefficient of ceramic coatings from room temperature to 1500°C using the push-rod method. This document applies to the measurement of the transverse and vertical reproducible linear thermal expansion coefficients of ceramic coatings with a thickness greater than 0.5 mm; other ceramic substrate materials can refer to this method.

JC/T 2886-2025 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.

Preview: page 2 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2886-2025

3 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 7 pages

Chinese original: about 11,119 characters

4 Related standards

Standards on related subjects:

GB/T 30020-2023 - Test method for determing defects of glass - Photoelastic scanning method

GB/T 32061-2015 - Testing method of laminated glass interlayer shear modulus

JC/T 897-2014 - Antiseptic function of antibacterial ceramic

JC/T 2890-2025 - Determination of surface quality for sanitary wares

JC/T 2887-2025 - Quantitative analysis method of residual yttria in yttria-stabilized zirconia ceramic powder

JC/T 2883-2025 - Squatting pans

5 Classification and status

International classification (ICS): 81.060.30

Chinese Standard Classification (CCS): Q 30

Prefix JC/T: recommended standard.

Preview: page 3 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2886-2025