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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 2405-2017

Test method for flexural strength of continuous fiber-reinforced ceramic composites at room temperature

室温下连续纤维增强陶瓷基复合材料弯曲强度试验方法

(English Translation)

Issued on: April 12, 2017 **Implemented on: October 1, 2017**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 5 in the full document. Complete English PDF, instant download:
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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 2405-2017 was issued by Ministry of Industry and Information Technology on 12 April 2017 and has been in force since 1 October 2017.

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 continuous fiber reinforced ceramic matrix composites flexural strength terms and definitions, principles, equipment, samples, sample preparation direction, test procedures, test results and test reports. This standard applies to three-point bending method and four-point bending test of continuous fiber reinforced ceramic matrix composite bending strength.

JC/T 2405-2017 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.

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3 About this standard

Issued by: Ministry of Industry and Information Technology

Adopted international standard: ISO 17138-2014, MOD

English translation: about 5 pages

Chinese original: about 7,716 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 2401-2017 - Transparent electro-optic ceramics applied in electro-optic modulators

JC/T 2398-2017 - Aging-performance test method of composite-oxides ceramic powder for purification of automotive vehicle exhaust

JC/T 2396-2017 - Wall-flow honeycomb ceramics for diesel particulate filters

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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