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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 2342-2015

## Method for the quantitative phase analysis of silicon nitride

氮化硅材料相含量分析方法

**(English Translation)**

**Issued on: July 14, 2015**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

JC/T 2342-2015 was issued by Ministry of Industry and Information Technology on 14 July 2015.

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 determination of terms and definitions phase content silicon nitride material, instrumentation, test procedures, and quantitative analysis of polycrystalline X-ray diffraction method. This Standard applies to the silicon nitride phase ? and ? quantitative phase analysis. In the case of the two phases other than containing crystalline phase or amorphous phase, in which only the quality of the relative percentage of ?-phase and ?-phase analysis. When the ?-phase or ? phase content ?1% when this standard does not apply.

JC/T 2342-2015 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

English translation: about 5 pages

Chinese original: about 7,721 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 2349-2015 - Si3N4 ceramic insulation components for polycrystalline silicon production

JC/T 2348-2015 - Heat storage ceramic balls

JC/T 2346-2015 - Silicon carbide ceramic 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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