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ICS 81.040.30
CCS Q 35

JC

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

JC/T 2392.3-2023

Quartz Glass Ingot - Part 3: Plasma Chemical Vapor Deposition

石英玻璃碇 第3部分：等离子化学气相沉积法

(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-2392-3-2023

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1 Foreword

JC/T 2392.3-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 July 2024.

It is one of 4 parts of the JC/T 2392 series.

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.

2 Scope Preview

This standard specifies the classification, requirements, inspection methods, inspection rules, marking, packaging, transportation and storage of plasma chemical vapor deposition quartz glass ingots. This standard applies to quartz glass ingots deposited by gas-phase chemical reaction in a high-temperature plasma flame using hydrogen-free silicon-containing compounds such as silicon tetrachloride as raw materials.

JC/T 2392.3-2023 falls under ICS 81.040.30, 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 7 pages

Chinese original: about 11,148 characters

4 Related standards

Other parts of this standard:

JC/T 2392-2017 - Quartz glass ingot. Part 1: Method for flame fused quartz

JC/T 2392.2-2018 - Quartz glass ingot. Part 2: Chemical vapor deposition method with hydrogen-oxygen flame

JC/T 2392.4-2018 - Quartz glass ingot--Part 4: Plasma melting method for fused quartz

Standards on related subjects:

GB/T 42800-2023 - High purity opaque quartz glass

GB/T 32661-2016 - Spherical silica powder

GB/T 30985-2014 - Quartz glass handle for optical fiber manufacture

5 Classification and status

International classification (ICS): 81.040.30

Chinese Standard Classification (CCS): Q 35

Prefix JC/T: recommended standard.

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