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ICS 17.180.01
CCS Q65

JC

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

JC/T 2512-2019

Technical requirements of high gray-tracking resistance potassium titanyl phosphate (HGTR-KTP) crystal devices for diode pumped solid state laser

全固态激光器用高抗灰迹磷酸钛氧钾单晶元件技术要求

(English Translation)

Implemented on: November 1, 2019

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JC/T 2512-2019 was issued by Ministry of Industry and Information Technology on 2 May 2019 and has been in force since 1 November 2019.

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 8 pages in English translation.

2 Scope Preview

This standard specifies the terms and definitions, technical requirements, inspection methods, inspection rules, packaging, marking, transportation and storage of single crystal components with high resistance to gray trace potassium titanate phosphate (HGTR-KTP) for all-solid-state lasers. This standard applies to all-solid-state lasers with high resistance to gray trace potassium titanyl phosphate (HGTR-KTP) single crystal components.

JC/T 2512-2019 falls under ICS 17.180.01, in the field of metrology and measurement.

This catalogue holds 1 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

Sector: Building Materials Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 8,853 characters

4 Related standards

Standards on related subjects:

JC/T 2625-2021 - Titanium gypsum

GB/T 15344-2020 - Methods for physical test of talc

JC/T 2268-2014 - Measurement of copper and other elements in brake friction materials

JC/T 2803-2024 - Green factory evaluation requirements for the artificial lens industry

JC/T 2849-2024 - Ce-doped Lutetium Silicate Single Crystal

JC/T 2513-2019 - Test method for gray-track resistance of potassium titanyl phosphate crystal devices

5 Classification and status

International classification (ICS): 17.180.01

Chinese Standard Classification (CCS): Q 65

Prefix JC/T: recommended standard.

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