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ICS 31.030
CCS Q65

JC

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

JC/T 2545-2019

Pyroelectric single crystal for high performance infrared detector

高性能红外探测器用热释电单晶

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jc-t-2545-2019

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1 Foreword

JC/T 2545-2019 was issued by Ministry of Industry and Information Technology on 24 December 2019 and has been in force since 1 July 2020.

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 11 pages in English translation.

2 Scope Preview

This standard specifies the terms and definitions, classification and marking, test methods, testing rules, and marking, packaging, transportation and storage of pyroelectric single crystals for high-performance infrared detectors. This standard is applicable to pyroelectric single crystal products for high-performance infrared detectors such as single crystal of niobium magnesium lead titanate and single crystal of niobium indium magnesium lead titanate. Other similar high performance pyroelectric single crystal products can refer to this standard. This standard is applicable to pyroelectric single crystal products for high-performance infrared detectors such as single crystal of niobium magnesium lead titanate and single crystal of niobium indium magnesium lead titanate. Other similar high performance pyroelectric single crystal products can refer to this standard.

JC/T 2545-2019 falls under ICS 31.030, in the field of electronics.

This catalogue holds 4 other JC/T standards in that field.

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In this catalogue, JC/T standards carry edition years from 1973 to 2026.

3 About this standard

Sector: Building Materials Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 11 pages (approximate)

Chinese original: about 16,185 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 2588-2021 - Catalyst powder for synthetic diamond

5 Classification and status

International classification (ICS): 31.030

Chinese Standard Classification (CCS): Q 65

Prefix JC/T: recommended standard.

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