Chinastandards.org

ICS 81.060.30
CCS L51

JC

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

JC/T 2146-2012

Heavily MgO-doped lithium niobate crystal for quasi-phase-matching application

准相位匹配用高掺镁铌酸锂晶体

(English Translation)

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2146-2012

Chinastandards.org

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 2146-2012 was issued by Ministry of Industry and Information Technology on 28 December 2012.

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 9 pages in English translation.

2 Scope Preview

This standard specifies the quasi-phase with high Mg-doped lithium niobate (MgLN) terminology and definitions, marking, technical requirements, test methods, inspection rules and signs, packaging and storage.

JC/T 2146-2012 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.

3 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

Preview: page 2 of 3 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2146-2012

JB/T 9495.1-1999 - Optical crystals

JB/T 9495.3

JB/T 9495.5

JB/T 9495.7

SJ/T 11365

SJ 20444-1994

SJ 20605-1996

SY/T 5161

4 Where this standard sits

JC/T 2146-2012 is classified under ICS 81.060.30, in the field of glass and ceramics industries.

It cites 8 standards, among them JB/T 9495.1-1999, listed in full above.

5 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 9 pages (approximate)

6 Related standards

Standards on related subjects:

GB/T 7247.1-2024 - Safety of Laser Products - Part 1: Equipment Classification and Requirements

GB/T 18490.1-2017 - Safety of machinery -- Laser processing machines -- Part 1: General safety requirement

JB/T 12632-2016 - Fibre lasers

7 Classification and status

International classification (ICS): 81.060.30

Chinese Standard Classification (CCS): L 51

Prefix JC/T: recommended standard.

Preview: page 3 of 3 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-2146-2012