Chinastandards.org

ICS 77.040.99
CCS H21

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 1309-2019

Titanium and titanium alloy coatings

钛及钛合金涂层 绝缘性能检测方法

(English Translation)

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1309-2019

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative references
2.1 Orientation-cut
2.2 Orientation flat
2.3 Second flat
2.4 Domain
2.5 Axis deviation
2.6 Supercooling circle
2.7 Cuie temperature
3 Reagents
3.1 Product classification
3.2 Chemical component
3.3 Physical properties
4.1 Alloy designation, temper and dimensions
5 Inspection rules
5.1 Main components
6 Test methods
7 Precision
8 Process control
9 Test report

1 Foreword

YS/T 1309-2019 was issued by Ministry of Industry and Information Technology on 2 August 2019.

The YS/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.

Preview: page 2 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1309-2019

2 Scope Preview

This standard specifies the testing methods for the insulation properties of inorganic coatings of titanium and titanium alloys. This standard applies to the testing of insulating properties of inorganic coatings on titanium and titanium alloy surfaces.

YS/T 1309-2019 falls under ICS 77.040.99, in the field of metallurgy.

This catalogue holds 1,671 other YS/T standards in that field.

In this catalogue, YS/T standards carry edition years from 1985 to 2026.

3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 6,664 characters

4 Related standards

Standards on related subjects:

GB/T 1839-2025 - Test method for gravimetric determination of the mass per unit area of galvanized coatings on steel products

GB/T 1425-2021 - Determination of melting temperature range for precious metals and their alloys - Testing method of thermal analysis

YS/T 581.2-2006 - Determination of chemical contents and physical properties of aluminium fluoride. Part 2: Determination of ignition loss

YS/T 1752-2025 - Method for determination of calorific value of boron and boron composite powder

YS/T 1615-2023 - Electrochemical performance test of lithium nickel cobalt manganate DC internal resistance test method

YS/T 1161.4-2021 - Analytical method of pseudo-boehmite - Part 4: Determination of sodium oxide content

5 Classification and status

International classification (ICS): 77.040.99

Chinese Standard Classification (CCS): H 21

Preview: page 3 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1309-2019

Chinastandards.org

Prefix YS/T: recommended standard.

Preview: page 4 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1309-2019