Chinastandards.org

CCS H21

YS

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

YS/T 1490-2021

Nickel-based superalloy powder inclusion content detection method

镍基高温合金粉末夹杂物含量检测方法

(English Translation)

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1490-2021

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
3.1 Product classification
3.2 Chemical component
4.1 Alloy designation, temper and dimensions
5 Inspection rules
6 Test methods
7 Precision
8 Test report

1 Foreword

YS/T 1490-2021 was issued by Ministry of Industry and Information Technology on 2 December 2021.

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.

2 Scope Preview

YS/T 1490-2021 is filed under Chinese Standard Classification H21, in the field of metallurgy.

This catalogue holds 1,555 other YS/T standards without an ICS number.

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)

Preview: page 2 of 3 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1490-2021

Chinese original: about 7,717 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 1858-2026 - Cemented carbides - Determination of hard coating thickness - X-ray fluorescence spectrometry

YS/T 1839-2026 - Titanium alloys - Determination of beta transus temperature - Thermal analysis method

YS/T 1491-2021 - Method for measuring the sphericity of nickel-based superalloy powder by scanning electron microscopy

5 Classification and status

Chinese Standard Classification (CCS): H 21

Prefix YS/T: recommended standard.

Preview: page 3 of 3 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1490-2021