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Revert materials for cast superalloy

再生铸造高温合金原料

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Iron and Steel Association.

This document is under the jurisdiction of the National Technical Committee on Steel Standardization (SAC/TC183).

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Recycled casting high temperature alloy raw materials

1 Scope

This document specifies the classification and grading, ordering content, technical

requirements, packaging, marking, transportation, storage and The contents of quality certificates, etc. describe the test methods and establish inspection rules.

This document applies to recycled high-temperature alloy raw materials used as raw materials when melting and casting high-temperature alloys. Other casting alloys (such as The recycled raw materials of corrosion-resistant alloys, cast cobalt-chromium-molybdenum alloys for surgical implants, etc. shall be implemented in accordance with this document.

2 Normative references

GB/T 223

GB/T 11261

GB/T 14992

GB/T 20123

GB/T 20124

GB/T 20127

GB/T 32548

GB/T 36164

GB/T 38939

GB/T 45450

GB/T 45448-2025

3 Terms and definitions

The terms and definitions defined in GB/T 45450 apply to this document.

4 Classification and grading

The classification and grading of recycled casting high-temperature alloy raw materials shall comply with the provisions of GB/T 45450. Different categories of recycled casting high-temperature alloys See Figures A.1 and A.2 for schematic diagrams of the raw material processing flow.

5 Order Content

The contract or order for secondary casting high temperature alloy raw materials in accordance with this document shall contain the following.