



Nickel Sheet Incoloy Alloy for Welding Applications with Good Weldability - 760 MPa Tensile Strength

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Incoloy Alloy



Product Specification

- Weldability: Good
- Chemical Position: Fe-Ni-Cr Alloy
- Tolerance: $\pm 1\%$
- Length: As Your Request
- Tensile Strength: 760 MPa
- Density: 8.14 G/cm³
- Type: Nickel Sheet
- Executive Standard: ASTM
- Highlight: Incoloy Alloy Nickel Sheet,
760 MPa Tensile Strength Nickel Sheet,
Nickel Sheet Incoloy Alloy

Product Description

Product Description:

This Incoloy 800 Material is manufactured in compliance with the ASTM executive standard, ensuring that it meets strict quality and performance standards. Its density of 8.14 G/cm³ makes it a sturdy and durable material that can withstand harsh conditions and heavy usage.

With a tolerance of $\pm 1\%$, this FeCrAl alloy offers consistent and reliable performance, making it a favored material for use in various industries such as aerospace, chemical processing, and power generation. Its excellent resistance to oxidation and corrosion also adds to its versatility and practicality.

Investing in the Incoloy 800 Material means investing in a high-quality FeCrAl alloy that is capable of delivering exceptional performance and reliability. Whether you need it for its thermal conductivity, coefficient of expansion, or durability, this material is sure to meet your expectations and exceed your needs.

Features:

Product Name: Incoloy Alloy

Tolerance: $\pm 1\%$

Service: OEMODM

Executive Standard: ASTM

Type: Nickel Sheet

High Temperature Performance: Good

Material: Inconel 625 Material

Other Features: Expansion Alloy, CuNi Alloy

Technical Parameters:

Type	Nickel Sheet
Chemical Position	Fe-Ni-Cr Alloy
High Temperature Performance	Good
Special Use	Compressor Disks, machine Manufacturing
Length	As Your Request
Density	8.14 G/cm ³
Processing Service	Decoiling, Cutting, Bending
Service	OEMODM
Coefficient Of Expansion	14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100°C)
Executive Standard	ASTM

Note: This product is a Fe-Ni-Cr Alloy. Other similar alloys include FeCrAl Alloy, Invar Alloy, and CoCr Alloy.

Applications:

The Victory Incoloy Alloy is an expansion alloy that has a coefficient of expansion of 14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100°C). This makes it suitable for use in applications where thermal expansion is a concern. In addition, its density of 8.14 G/cm³ makes it a lightweight material that is easy to handle.

The Victory Incoloy Alloy is a versatile material that can be used in a variety of applications. It is commonly used in the chemical processing industry, where it is used to make heat exchangers and other equipment. It is also used in the aerospace industry, where it is used to make parts for aircraft engines.

The Victory Incoloy Alloy is often compared to other high-performance alloys, such as Hastelloy Alloy and Incoloy 800 Material. While these materials have similar properties, the Victory Incoloy Alloy offers superior weldability, making it a better choice for applications that require welding.

Overall, the Victory Incoloy Alloy is a reliable and high-performance material that can be used in a wide range of applications. Its excellent properties make it a popular choice for industries that require high-quality materials.

Customization:

Choose from our product customization services for Victory Incoloy Alloy:

Surface: Bright or Oxidized

Weldability: Good

Tensile Strength: 760 MPa

Special Use: Compressor Disks, Machine Manufacturing

Executive Standard: ASTM

Our Incoloy Alloy, made in China, is a FeCrAl Alloy with similar properties to CoCr Alloy. It is composed of Incoloy 800 material and is perfect for industrial applications.

Support and Services:

Our Incoloy Alloy products are designed to meet the highest technical standards and are manufactured with precision and care. We offer comprehensive technical support and services to ensure that our customers get the most out of their Incoloy Alloy products. Our team of experts is available to assist with any questions or issues that may arise during installation, operation, or maintenance of our products. Our technical support team is available to provide guidance and assistance with product selection, installation, and troubleshooting. We also offer training and education programs to help customers better understand our products and how to use them effectively. In addition to technical support, we offer a range of services to help keep our customers' Incoloy Alloy products running smoothly. These services include maintenance and repair, refurbishment, and upgrades. We also offer testing and analysis services to ensure that our products are performing at their best.

FAQ:

Q: What is Victory Incoloy Alloy?

A: Victory Incoloy Alloy is a type of nickel-chromium-based superalloy that is highly resistant to high temperatures, corrosion, and oxidation. It is widely used in various industries, including chemical processing, aerospace, and power generation.

Q: What are the benefits of using Victory Incoloy Alloy?

A: Victory Incoloy Alloy has a number of benefits, including high resistance to high temperatures, corrosion, and oxidation. It also has excellent mechanical properties and is highly durable, making it a popular choice for use in harsh environments.

Q: What are the applications of Victory Incoloy Alloy?

A: Victory Incoloy Alloy is used in a wide range of applications, including chemical processing, aerospace, power generation, and more. It is particularly well-suited for use in high-temperature environments, as well as in applications where resistance to corrosion and oxidation is important.

Q: Where is Victory Incoloy Alloy produced?

A: Victory Incoloy Alloy is produced in China, where it is manufactured to the highest quality standards using the latest production techniques and materials.

Q: How can I purchase Victory Incoloy Alloy?

A: Victory Incoloy Alloy is available for purchase through a wide range of distributors and resellers worldwide. Please contact us for more information on where to buy Victory Incoloy Alloy.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu