



## Temperature Range 1260-1355C Hastelloy Alloy Raw Materials With NI Rem% Equal Grade UNS N10276 Category

Our Product Introduction

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### Basic Information

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



### Product Specification

- Standard: SB622 / SB619 / SB626 / SB366 / SB564
- Equal Grade: UNS N10276, Hastelloy C276,
- Type Of Material: Nickel-molybdenum Alloy
- Heat Resistance: High
- Raw Materials: NI Rem%, CR20-22.5%, MO12.5-14.5%
- Powder Or Not: Not Powder
- Temperature Range: 1260~1355°C
- Coefficient Of Thermal Expansion: 12.4  $\mu\text{m}/\text{m}^\circ\text{C}$
- Highlight: **UNS N10276 Hastelloy Alloy Raw Materials,  
NI Rem% Hastelloy Alloy Raw Materials,  
1260-1355C Hastelloy Alloy Raw Materials**

## Product Description

### Features:

Product Name: Hastelloy Alloy  
Coefficient Of Thermal Expansion: 12.4  $\mu\text{m}/\text{m}^\circ\text{C}$   
Yield Strength: 350 MPa  
Surface: Bright,Oxided  
Temperature Range: 1260~1355 $^\circ\text{C}$   
Type Of Material: Nickel-molybdenum Alloy  
Material Type: Alloy Steel Material  
Product Type: High Temperature Alloy  
Material Type: Alloy Steel Material

### Technical Parameters:

Product Attribute	Value
Hastelloy Material	Equal Grade: UNS N10276, Hastelloy C276
Alloy Parts	Surface: Bright,Oxided; Powder Or Not: Not Powder; Raw Materials: NI Rem%, CR20-22.5%, MO12.5-14.5%; Grade: B-2,b-3,c-22,c276,c4; Hardness: HRB 95; Packing: Standard Export Packing; Standard: SB622 / SB619 / SB626 / SB366 / SB564
Hastelloy Material	Heat Resistance: High

### Applications:

This alloy is widely used in the manufacturing of FeCrAl Alloy, Hastelloy Rod, and Alloy Steel Material. Due to its excellent mechanical properties and corrosion resistance, it is an ideal material for use in harsh environments where exposure to chemicals and high temperatures is common.

The Victory Hastelloy Alloy is surface-treated to either have a bright or oxidized surface, depending on the intended application. This alloy has a temperature range of 1260~1355 $^\circ\text{C}$ , making it suitable for use in high-temperature applications such as gas turbines, heat exchangers, and petrochemical processing equipment.

In the aerospace industry, the Victory Hastelloy Alloy is used in the manufacturing of aircraft engine parts due to its superior mechanical properties and corrosion resistance. It is also used in the chemical processing industry, where it is used to make valves, pumps, and heat exchangers that can withstand highly corrosive environments.

Another application of the Victory Hastelloy Alloy is in the manufacturing of nuclear reactors, where it is used to make reactor vessels and other critical components. This is because the alloy has excellent resistance to corrosion and irradiation damage, making it suitable for use in nuclear power plants.

In conclusion, the Victory Hastelloy Alloy is a high-performance material that has a wide range of applications across different industries. Its excellent mechanical properties, corrosion resistance, and high-temperature resistance make it an ideal material for use in harsh environments.

### Support and Services:

Hastelloy Alloy is a family of nickel-based high-temperature alloys that are widely used in harsh industrial environments where high resistance to corrosion and oxidation is required. Our product technical support and services for Hastelloy Alloy include:

Expert consultation on material selection and application engineering

Technical assistance with alloy design and processing

Custom alloy development to meet specific customer requirements

Material testing and analysis services

Training and education on the properties and performance of Hastelloy Alloy

24/7 emergency technical support for critical applications

Our team of experienced engineers and metallurgists are dedicated to providing the highest level of technical support and services to our customers. Contact us to learn more about how we can help with your Hastelloy Alloy needs.

## Packing and Shipping:

### Product Packaging:

The Hastelloy Alloy product will be packaged securely to prevent any damage during transportation. The product will be wrapped in a protective material and placed in a sturdy box with cushioning material to absorb any shock during transit. The box will be marked with the product name, quantity, and handling instructions.

### Shipping:

The product will be shipped via a reliable courier service to ensure timely and safe delivery. The shipping cost will be calculated based on the weight and destination of the package. The customer will be provided with a tracking number to monitor the status of their shipment. The estimated delivery time will be provided at the time of purchase.

## FAQ:

### Q: What is the brand name of this product?

A: The brand name of the product is **Victory**.

### Q: What is the model number of this product?

A: The model number of the product is **Hastelloy Alloy**.

### Q: Where is this product manufactured?

A: This product is manufactured in **China**.

### Q: What are the primary uses of Hastelloy Alloy?

A: Hastelloy Alloy is primarily used in harsh chemical environments, such as in chemical processing, pollution control, and the manufacturing of nuclear fuel.

### Q: What are the unique properties of Hastelloy Alloy?

A: Hastelloy Alloy is known for its resistance to corrosion and high temperatures, making it ideal for use in extreme environments. It is also highly durable and can withstand high levels of stress and strain.



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