



High Temperature Alloy Perfect Combination Of Strength And Heat Resistance

Our Product Introduction

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Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: High Temperature Alloy
- Minimum Order Quantity: 5
- Delivery Time: 5-7 Days



Product Specification

- Density: 8.2-9.4 G/cm³
- Length: As Required
- Annealed: 700 – 800N/mm²
- Corrosion Resistance: Excellent
- Raw Materials: Ni63%, CR21-25%, Fe10-15%
- Oxidation Resistance: Excellent
- Technique: Hot Rolled
- Highlight: **Perfect High Temperature Alloy, Heat Resistance High Temperature Alloy, High Strength Temperature Alloy**



More Images



Product Description

Product Description:

One of the key properties of High Temperature Alloy is its thermal expansion rate. This rate is typically around $11.2 \times 10^{-6}/K$, which means that the material can expand and contract without becoming damaged or deformed. This property makes High Temperature Alloy an ideal choice for use in high-temperature applications, where materials are exposed to extreme heat and rapid temperature changes.

Another important property of High Temperature Alloy is its weldability. The material has a good weldability rating, which means that it can be easily joined to other materials using a variety of welding techniques. This makes it a popular choice for use in applications where two different materials need to be joined together, such as in the construction of buildings or vehicles.

The 2205 Stainless Plate is a specific type of High Temperature Alloy that is designed for use in particularly demanding applications. This product is annealed to a strength of 700 – 800N/mm², which makes it exceptionally strong and durable. The 2205 Stainless Plate is also highly resistant to corrosion, making it an ideal choice for use in applications where exposure to moisture or other corrosive materials is common.

Overall, High Temperature Alloy is an excellent choice for use in a wide range of applications. Its combination of strength, thermal expansion rate, and weldability make it an ideal choice for use in the aerospace, automotive, and construction industries. Whether you are looking for a material that is strong, durable, and resistant to corrosion, or simply need a material that can withstand high temperatures, High Temperature Alloy is a great choice for your needs.

Features:

Product Name: High Temperature Alloy

Thermal Expansion: $11.2 \times 10^{-6}/K$

Oxidation Resistance: Excellent

Item Name: 2205 Stainless Plate

Creep Resistance: Excellent

Weldability: Good

Other related products include:

High Temperature Alloy Wire

Alloy Tool Steel

Corrosion Resistant Alloys

Technical Parameters:

Product Attribute	Technical Parameter
Product Type	High Temperature Alloy
Raw Materials	NI63%,CR21-25%,Fe10-15%
Grade	Ni Cr Fe Mo Nb
Shape	Tube
Length	As Required
Thermal Expansion	$11.2 \times 10^{-6}/K$
Creep Resistance	Excellent
Oxidation Resistance	Excellent
Elongation	$\geq 30\%$
Weldability	Good
Annealed	700 – 800N/mm ²

This product belongs to Corrosion Resistant Alloys, Hot Rolled Alloy Steel, and High End Refractory Alloys.

Applications:

The Victory High Temperature Alloy is a grade Ni Cr Fe Mo Nb alloy that has a thermal expansion of $11.2 \times 10^{-6}/K$, which makes it ideal for high-temperature applications. This alloy is widely used in aerospace, chemical processing, power generation, and other industries that require materials that can withstand high temperatures.

One of the most significant features of Victory High Temperature Alloy is its excellent corrosion resistance. It is highly resistant to oxidation and sulfidation, making it an ideal material for use in harsh environments. Additionally, this alloy has remarkable creep resistance that ensures it does not deform or lose its shape even under high temperatures and pressures.

The Victory High Temperature Alloy is an excellent choice for use in scenarios where high-temperature resistance is required, and corrosion resistance is necessary. It is commonly used in the production of heat exchangers, furnace components, gas turbines, and other high-temperature applications.

This high-quality alloy steel is manufactured in China JiangSu and has a minimum order quantity of 5 units. Delivery time ranges from 5-7 days, depending on the quantity ordered. The Victory High Temperature Alloy is a reliable and durable material that can withstand high temperatures and harsh environments, making it an excellent choice for various industrial applications.

Customization:

If you are looking for hard metal alloys, Victory's High Temperature Alloy is an excellent choice. This alloy tool steel is made with high-quality raw materials sourced from China JiangSu, with a composition of Ni63%, CR21-25%, and Fe10-15%. It has good weldability and excellent oxidation resistance, making it ideal for high-temperature applications. With a minimum order quantity of 5, you can receive your order within 5-7 days. The High Temperature Alloy also has an elongation of $\geq 30\%$ and a thermal expansion of $11.2 \times 10^{-6}/K$.

Support and Services:

Our High Temperature Alloy product comes with technical support and services to ensure that you have a seamless experience with our product. Our technical support team is available to answer any questions you may have about the product, including its properties, performance, and applications. We also offer technical training and educational resources to help you get the most out of our product. In addition to technical support, we offer a range of services to help you throughout the lifetime of the product. These services include material testing, product development, custom alloy design, and product optimization. Our experts will work with you to find the best solutions for your specific needs and applications. Our goal is to provide you with the highest quality product and support so that you can achieve the best possible results. Contact us today to learn more about our technical support and services for our High Temperature Alloy product.

Packing and Shipping:

Product Name: High Temperature Alloy

Product Description: This high temperature alloy is designed to withstand extreme temperatures and environments, making it ideal for use in aerospace, automotive and industrial applications.

Packaging: The high temperature alloy will be packaged in sturdy wooden crates or metal containers with adequate padding and protection to ensure safe transportation.

Shipping: The product will be shipped using a reliable and trustworthy carrier with options for expedited or standard shipping. Customers will be provided with a tracking number to monitor the status of their shipment.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Victory.

Q: What is the model number of this product?

A: The model number of this product is High Temperature Alloy.

Q: Where is this product made?

A: This product is made in China JiangSu.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 5 units.

Q: What is the delivery time for this product?

A: The delivery time for this product is 5-7 days.



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