

Precise Metal Melting and Holding Processes Crucible Pot High Thermal Shock Resistance

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Certification: ISO9001
- Model Number: SDHR003
- Minimum Order Quantity: 1 unit
- Price: According customers volume
- Packaging Details: water proof packing
- Delivery Time: 30-45 days
- Payment Terms: TT/LC
- Supply Ability: 1000 sets per month



Product Specification

- Porosity: Low
- Material: Magnesite, Magnesite-Alumina Spinel, Quartz Sand
- Flexural Strength: 300-400 MPa
- Density: 2.5-2.7 G/cm³
- Thermal Conductivity: High
- Chemical Resistance: Acids, Alkalies, And Neutral
- Temperature Resistance: Up To 1500°C., 1700 Degree For Steel Melting
- Advantages: Long Service Life, High Purity, Good Thermal Conductivity
- Highlight: **High Thermal Shock Resistance Crucible Pot, Precise Metal Melting Crucible Pot**

Product Description

Product Description:

A crucible for induction furnace is an essential tool for various metalworking processes, offering exceptional durability and performance in high-temperature environments. This specific crucible is designed to meet the demanding requirements of melting and casting iron, steel, and other metals, making it a valuable asset in industrial settings.

The crucible boasts a remarkable hardness of 9 Mohs, ensuring superior resistance to wear and abrasion during repeated use. Crafted from a combination of high-quality materials including magnesia, magnesia-alumina spinel, and quartz sand, this crucible offers excellent thermal stability and structural integrity under extreme conditions.

With a density ranging from 2.5 to 2.7 g/cm³, this crucible strikes a balance between robustness and manageability, allowing for easy handling and efficient heat transfer during metal melting processes. Its high-density construction contributes to enhanced thermal conductivity, facilitating rapid and uniform heating to achieve optimal melting outcomes.

One of the standout features of this crucible is its exceptional temperature resistance, capable of withstanding temperatures up to 1500°C. For steel melting applications, this crucible can endure temperatures of up to 1700 degrees, making it a reliable choice for high-temperature operations in steel foundries and metalworking facilities.

Whether you require a crucible for iron casting, furnace crucible for steel melting, or a versatile tool for various metal alloys, this crucible for induction furnace offers unmatched performance and reliability. Its ability to withstand extreme temperatures, coupled with its high thermal conductivity, makes it an indispensable asset for achieving precise and efficient metal melting processes.

Features:

Product Name: Crucible For Induction Furnace

Hardness: 9 Mohs

Advantages:

Long Service Life

High Purity

Good Thermal Conductivity

Application: Melting And Holding Of Metals

Temperature Resistance: Up To 1500°C, 1700 Degree For Steel Melting

Shape: Round

Technical Parameters:

Thermal Shock Resistance	High
Advantages	Long Service Life, High Purity, Good Thermal Conductivity
Temperature Resistance	Up To 1500°C, 1700 Degree For Steel Melting
Chemical Resistance	Acids, Alkalis, And Neutral
Density	2.5-2.7 G/cm ³
Porosity	Low
Thermal Conductivity	High
Application	Melting And Holding Of Metals
Material	Magnesia, Magnesia-Alumina Spinel, Quartz Sand
Shape	Round

Applications:

When it comes to the efficient melting and casting of iron, the Crucible For Induction Furnace by Huarui (Model: SDHR003) from China is the ideal solution. This crucible is specifically designed for iron applications, making it perfect for foundries, metalworking facilities, and industrial settings where iron melting is a crucial process.

With its high flexural strength of 300-400 MPa, this furnace crucible can withstand the extreme temperatures and stress involved in iron melting operations. The thermal conductivity of the crucible is exceptionally high, ensuring rapid and uniform heating of the iron for optimal casting results.

In addition to its impressive mechanical properties, this crucible offers excellent chemical resistance to acids, alkalis, and neutral substances commonly encountered in industrial environments. Its hardness rating of 9 Mohs guarantees durability and longevity, even under demanding operating conditions.

Whether you require a single unit or multiple sets, the Crucible For Induction Furnace is available for order with a minimum order quantity of 1 unit. The price is tailored according to customers' volume requirements, ensuring cost-effectiveness for different production scales. For added convenience, the crucible is packaged in waterproof packing to safeguard it during transportation and storage. With a delivery time of 30-45 days, you can quickly receive the product to meet your operational needs. Payment terms include TT/LC for flexibility in transactions.

With a supply ability of 1000 sets per month, you can rely on consistent availability of this high-quality crucible for iron applications. Its round shape further enhances its usability and compatibility with various induction furnace setups.

Customization:

Product Customization Services for the Crucible For Induction Furnace: -----
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Model Number: SDHR003
Place of Origin: China
Certification: ISO9001
Minimum Order Quantity: 1 unit
Price: According customers volume
Packaging Details: water proof packing
Delivery Time: 30-45 days
Payment Terms: TT/LC
Supply Ability: 1000 sets per month
Thermal Conductivity: High
Chemical Resistance: Acids, Alkalis, And Neutral
Application: Melting And Holding Of Metals
Thermal Shock Resistance: High
Temperature Resistance: Up To 1500°C, 1700 Degree For Steel Melting

Support and Services:

Our Product Technical Support and Services for the Crucible For Induction Furnace include: -----
- Installation assistance and guidance
- Troubleshooting and diagnosis of technical issues
- Maintenance recommendations and schedules
- Repair services and spare parts availability
- Technical training and documentation

Packing and Shipping:

Product Packaging and Shipping:
The Crucible for Induction Furnace is carefully packaged to ensure its safety during transportation. It is placed in a sturdy box with adequate padding to prevent any damage. The box is then sealed securely to avoid any tampering.
For shipping, we partner with reliable courier services to deliver the product to your location swiftly and securely. You can track the shipment using the provided tracking number to monitor its progress.



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