

## 300-400 MPa Flexural Strength Furnace Crucible Resistant To Alkalis For Chemical Resistance And Performance

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

- Application: Melting And Holding Of Metals
- Flexural Strength: 300-400 MPa
- Hardness: 9 Mohs
- Shape: Round
- Porosity: Low
- Temperature Resistance: Up To 1500°C,, 1700 Degree For Steel Melting
- Material: Magnesia, Magnesia-Alumina Spinel, Quartz Sand
- Thermal Conductivity: High
- Highlight: **400 MPa Flexural Strength Crucible, Alkali Resistant Crucible**

## Product Description

### Product Description:

The Crucible For Induction Furnace is a high-quality product designed for the melting and holding of metals such as aluminum, copper, and steel. Crafted from a blend of premium materials including Magnesite, Magnesite-Alumina Spinel, and Quartz Sand, this crucible offers a superior level of performance and reliability in various industrial applications.

One of the key advantages of this crucible is its long service life, making it a cost-effective option for businesses looking for durable and reliable melting solutions. Its high purity ensures that the metals melted within remain uncontaminated, resulting in high-quality end products. Additionally, the crucible boasts good thermal conductivity, allowing for efficient and consistent melting processes.

With a flexural strength ranging from 300 to 400 MPa, this crucible can withstand the rigors of metal melting operations, providing stability and durability under high temperatures and mechanical stress. Its temperature resistance of up to 1500°C makes it suitable for a wide range of applications, including steel melting which requires temperatures of up to 1700 degrees.

Whether you are melting aluminum, copper, or steel, this crucible is a reliable and efficient tool for your metalworking needs. Its versatile design and high-performance materials make it an essential component for any induction furnace operation.

### Features:

Product Name: Crucible For Induction Furnace

Flexural Strength: 300-400 MPa

Shape: Round

Porosity: Low

Chemical Resistance: Acids, Alkalis, And Neutral

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

### Technical Parameters:

Technical Parameter	Value
Density	2.5-2.7 G/cm3
Application	Melting And Holding Of Metals
Shape	Round
Temperature Resistance	Up To 1500°C, 1700 Degree For Steel Melting
Porosity	Low
Chemical Resistance	Acids, Alkalis, And Neutral
Flexural Strength	300-400 MPa
Material	Magnesite, Magnesite-Alumina Spinel, Quartz Sand
Thermal Conductivity	High
Advantages	Long Service Life, High Purity, Good Thermal Conductivity

### Applications:

The Huarui SDHR003 Crucible For Induction Furnace is a versatile product that can be utilized in a variety of applications and scenarios due to its excellent attributes. The crucible is designed to meet the high demands of different industries, making it suitable for various product application occasions.

One of the key application occasions for this crucible is in the melting of copper. The high temperature resistance of up to 1500°C makes it ideal for handling the intense heat required for copper melting processes. Whether it is in a foundry or a manufacturing plant, the Huarui crucible for copper provides reliable performance and durability.

Another important scenario where the Huarui SDHR003 crucible excels is in steel melting. With a temperature resistance of up to 1700 degrees specifically for steel melting, this crucible pot is essential for metallurgical processes that involve working with steel. Its high thermal conductivity ensures efficient heat transfer, contributing to the overall productivity of the operation.

Moreover, the chemical resistance of the crucible to acids, alkalis, and neutral substances expands its application occasions to various industries where such materials are commonly used. The high thermal shock resistance of the crucible further enhances its suitability for demanding environments where rapid temperature changes occur frequently.

Whether it is for small-scale operations or large industrial processes, the Huarui crucible is available with a minimum order quantity of 1 unit, allowing flexibility for different needs. The pricing is customer-volume dependent, ensuring competitive rates for varying purchase volumes. Additionally, the product is packaged in waterproof packing for safe transportation and storage.

With a supply ability of 1000 sets per month and a delivery time of 30-45 days, customers can rely on the Huarui SDHR003 Crucible For Induction Furnace to meet their production timelines. Payment terms such as TT/LC offer convenience and flexibility in transactions.

### Customization:

Product Customization Services for the Crucible For Induction Furnace:

Brand Name: Huarui  
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  
Hardness: 9 Mohs  
Temperature Resistance: Up To 1500°C, 1700 Degree For Steel Melting  
Advantages: Long Service Life, High Purity, Good Thermal Conductivity  
Application: Melting And Holding Of Metals  
Chemical Resistance: Acids, Alkalis, And Neutral

### Support and Services:

Our Product Technical Support and Services for the Crucible For Induction Furnace include: -----

- Troubleshooting assistance for any technical issues
- Maintenance recommendations and guidance
- Spare parts and replacement services
- Training and resources for optimal usage
- Warranty coverage and support

### Packing and Shipping:

Product Name: Crucible For Induction Furnace

Description: High-quality graphite crucible designed for use in induction furnaces.

Package Includes: - 1 Crucible For Induction Furnace - Packaging material for protection

Shipping Information: - Shipping Method: Standard Shipping - Estimated Delivery Time: 3-5 business days - Shipping Cost: Calculated at checkout based on location



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