

## Flexural Strength 300-400 MPa and Round Shape Crucible For Induction Furnace with Hardness 9 Mohs

### 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

- Density: 2.5-2.7 G/cm<sup>3</sup>
- Hardness: 9 Mohs
- Temperature Resistance: Up To 1500°C., 1700 Degree For Steel Melting
- Shape: Round
- Chemical Resistance: Acids, Alkalis, And Neutral
- Material: Magnesite, Magnesite-Alumina Spinel, Quartz Sand
- Thermal Shock Resistance: High
- Porosity: Low
- Highlight: **Mohs Round Shape Crucible,  
300-400 MPa Round Shape Crucible,  
Induction Furnace Crucible**

## Product Description

### Product Description:

Made from a blend of premium materials including Magnesite, Magnesite-Alumina Spinel, and Quartz Sand, this crucible offers superior strength and resistance to high temperatures. The materials used in the construction of this crucible make it ideal for applications such as metal casting, melting, and alloy production.

With a density ranging from 2.5 to 2.7 g/cm<sup>3</sup>, the Crucible For Induction Furnace provides excellent thermal stability and heat retention. Its high thermal conductivity allows for efficient heat transfer, making it an ideal choice for processes requiring precise temperature control.

The Crucible For Induction Furnace is specially designed to withstand extreme temperatures, with a temperature resistance of up to 1500°C. It can withstand temperatures of up to 1700 degrees when used for steel melting applications, making it a versatile and reliable tool for various industrial processes.

Whether you need a crucible for copper, a crucible pot, or other metal melting applications, this product delivers exceptional performance and reliability. Its robust construction and high-quality materials ensure consistent results and long-term durability, making it a valuable addition to any industrial setting.

### Features:

Product Name: Crucible For Induction Furnace

Thermal Conductivity: High

Porosity: Low

Flexural Strength: 300-400 MPa

Shape: Round

Thermal Shock Resistance: High

### Technical Parameters:

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

### Applications:

Huarui's Crucible For Induction Furnace (Model: SDHR003) is a high-quality product originating from China and certified with ISO9001 standards. With a minimum order quantity of 1 unit and a price tailored according to customers' volume, this crucible is a versatile and essential tool for various industrial applications.

The Crucible For Induction Furnace by Huarui is specially designed for melting and holding metals such as copper and aluminum. Its material composition of Magnesite, Magnesite-Alumina Spinel, and Quartz Sand provides exceptional hardness of 9 Mohs, ensuring durability and long-lasting performance even in high-temperature environments.

This crucible boasts high thermal shock resistance, making it ideal for rapid temperature changes during metal casting processes. With a flexural strength ranging from 300-400 MPa, it can withstand the rigors of intense heat and mechanical stress, maintaining its structural integrity over time.

Chemical resistance is another standout feature of this crucible, as it can withstand acids, alkalis, and neutral substances commonly used in metal processing industries. The superior quality of the materials used ensures reliable performance and longevity even in demanding environments.

Whether in foundries, metalworking shops, or industrial facilities, the Crucible For Induction Furnace from Huarui is a dependable choice for various applications. Its supply ability of 1000 sets per month, combined with water-proof packaging for safe transportation, makes it a convenient and accessible product for businesses of all sizes.

Customers can expect a delivery time of 30-45 days, and flexible payment terms such as TT/LC further enhance the purchasing experience. The versatility and reliability of Huarui's Crucible For Induction Furnace make it a valuable asset for any operation requiring efficient and durable crucibles for copper, aluminum, and other metal melting processes.

### 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  
Material: Magnesite, Magnesite-Alumina Spinel, Quartz Sand  
Advantages: Long Service Life, High Purity, Good Thermal Conductivity  
Application: Melting And Holding Of Metals  
Shape: Round  
Temperature Resistance: Up To 1500°C, 1700 Degree For Steel Melting  
Keywords: crucible for steel, crucible pot, crucible for iron

**Support and Services:**

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

- Initial setup assistance
- Troubleshooting guidance
- Product training and education
- Warranty and repair services
- Remote monitoring and diagnostics
- Spare parts availability

**Packing and Shipping:**

Product Packaging for the Crucible For Induction Furnace: -----




The crucible will be carefully packaged in a sturdy cardboard box with protective padding to prevent any damage during transit. It will also include a user manual and safety instructions for handling the crucible.

Shipping Information:

Our standard shipping method for the crucible is through a reliable courier service. The package will be securely sealed and labeled for easy identification. Customers will receive a tracking number to monitor the shipment's progress.



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