

## 50kg 250kg Sic Crucible Silicon Carbide Graphite Crucible Sagger For Melting

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: silicon carbide crucible, graphite crucible
- Minimum Order Quantity: 10
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Color: Various Colors
- Durability: Various Durability
- Finish: Various Finishes
- Flexibility: Various Flexibility
- Form: Various Forms
- Hardness: Various Hardness
- Material: Other Materials
- Resistance: Various Resistance
- Shape: Various Shapes
- Size: Various Sizes
- Surface: Various Surface
- Texture: Various Textures
- Thickness: Various Thickness
- Weight: Various Weights
- Highlight: 250kg Sic Crucible Silicon Carbide Graphite,



### Product Description

#### Description of Good Quality 50kg 250kg Sic Crucibles Silicon Carbide Graphite Crucible Sagger With Factory Price For Melting

silicon carbide graphite crucible is a container applied to hold metal for smelting in a furnace and it can withstand the extreme temperatures encountered in smelting metals. The crucible material must have a much higher melting point than that of the metal being melted and it must have good strength even when white hot.

Graphite crucible can withstand the high temperature, and has good resistance to chemical erosions and thermal shock. Especially graphite crucible is ideal for the melting of aluminum, copper and etc.

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#### Features of Sic Silicon Carbide Graphite crucible

Excellent thermal stability and distortion resistance at high temperature.  
 High mechanical strength at high temperature.  
 Excellent thermal shock resistance.  
 High thermal conductivity.  
 Excellent oxidating resistance.  
 Excellent corrosion resistance at high temperature.  
 Excellent corrosion resistance against chemicals.  
 High abrasion resistance.

#### Application of Silicon Carbide Graphite crucible

Silicon carbide graphite crucibles are widely used in a variety of industries, including:

**Foundry:** Silicon carbide graphite crucibles are used to melt metals such as aluminum, copper, brass, bronze, and their alloys. They are also used to melt precious metals such as gold and silver.

**Metallurgy:** Silicon carbide graphite crucibles are used in the production of ferroalloys, which are alloys of iron and other metals such as silicon, manganese, and chromium. Ferroalloys are used to improve the properties of steel and other metals.

**Chemical industry:** Silicon carbide graphite crucibles are used in the production of chemicals such as chlorine, sodium hydroxide, and sulfuric acid.

**Electronics industry:** Silicon carbide graphite crucibles are used in the production of semiconductors and other electronic components.

**Research and development:** Silicon carbide graphite crucibles are used in research and development laboratories to melt and process a variety of materials.

#### Product Speciffication of Silicon Carbide Graphite crucible

Item	Molten copper, precious metals and rare earth alloys		Molten aluminum and low melting	
	Plasticity	Isostatic pressure	Plasticity	Isos
Forming method				
Carbon Content %	≥38	≥45	≥38	
Bulk density g/cm <sup>3</sup>	≥1.7	≥1.85	≥1.7	
Apparent porosity %	≤29	≤21	≤29	
Cold Crushing Strength MPa	≥20	≥25	≥20	
Refractoriness	≥1500	≥1500	≥1400	

#### Packing & Delivering



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