

Reaction Bonded Silicon Carbide RBSiC SiC Burner Nozzle Tubes For Kiln Furniture

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Silicon Carbide Burner Nozzle
- Minimum Order Quantity: 40 pieces
- 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: 2000 tons/month



Product Specification

- Highlight: Silicon Carbide Tubes, Kiln Furniture Silicon Carbide Tubes, Reaction Bonded Silicon Carbide Tubes



More Images



Product Description

Product Description of High-Quality Reaction Bonded Silicon Carbide RBSiC SiC Burner Nozzle Tubes for Kiln Furniture Direct From Factory

The Refractory RBSiC Silicon Carbide Ceramic Burner Tube Nozzle for kilns is a trusted solution in the ceramics industry, providing enhanced temperature uniformity and simplified temperature management.

This nozzle is utilized in tunnel kilns, shuttle kilns, and roller hearth kilns, as well as for heating in both direct and indirect industrial furnace systems.

Our silicon carbide nozzles have received widespread acclaim from both domestic and international customers for their high quality and performance.

RBSiC ceramic products find extensive application in high-temperature ceramic kilns, steel quench furnaces, large boilers, power plant desulfurization dusting equipment, and advanced military equipment.

Our Product Introduction

Their use spans various industries, including daily-use ceramics, sanitary ceramics, porcelain insulators, crystallite glass, metallurgy, magnetic materials, electric power, chemical processing, steel, petroleum, machinery, and the military sector, among others.



Features of Silicon Carbide (SiC) Burner Nozzle:

High Thermal Conductivity: Efficient heat transfer for better energy use.

Thermal Shock Resistance: Withstands rapid temperature changes.

Corrosion & Oxidation Resistance: Durable in harsh chemical environments.

High Mechanical Strength: Handles high pressures and mechanical wear.

Abrasion Resistance: Extremely hard, resists wear in abrasive conditions.

Lightweight: Easy to install and reduces system weight.

High-Temperature Stability: Performs well above 1,500°C.

Precise Flame Control: Improves combustion efficiency and reduces emissions.

Customizable: Can be tailored to specific industrial needs.

Longevity: Longer lifespan, reducing maintenance costs.

These features make it ideal for high-temperature and demanding industrial applications.

Product Specification of High-Quality Reaction Bonded Silicon Carbide RBSiC SiC Burner Nozzle Tubes for Kiln Furniture Direct From Factory



Technical Performance	Bulk Density	Abrasion Resistance	Moh's Hardness
	g/cm ³	%	MPa
Silicon Carbide Tubes	2.7	1.66	>9.0

Shape	PIPE
Material	Silicon Carbide (SiC)
SiO ₂ Content (%)	International Standard
Al ₂ O ₃ Content (%)	Customized
MgO Content (%)	0.18%
CaO Content (%)	Customized
Refractoriness (Degree)	Common (1580° < Refractoriness < 1770°)
CrO Content (%)	0.002%
SiC Content (%)	90-98%

Brand Name	RONGSHENG
Processing Service	Bending, Cutting, Moulding
Product name	silicon carbide kiln furniture
Density	3.02g/cm3
Characteristic	Long Service Life
Feature	High Temperature Resistance
Application	electric power, steel plant slag flushing trench
Sic Content	98% or Customized
Working Temperature	1800 Degree Celsius
Color	BLACK GREY
Certificate	CE,ISO9001
Raw material	Silicon Carbide (SiC)



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