

Refractory SiC Plate Ssic Sintered Silicon Sarbide Ceramic Plates For Industrial Kilns

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Sic, SiSiC, NSiC Rsic
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- 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: Industrial Kilns Silicon Sarbide Ceramic Plates, Ssic Sintered Silicon Sarbide Ceramic Plates, Refractory SiC Plate



More Images



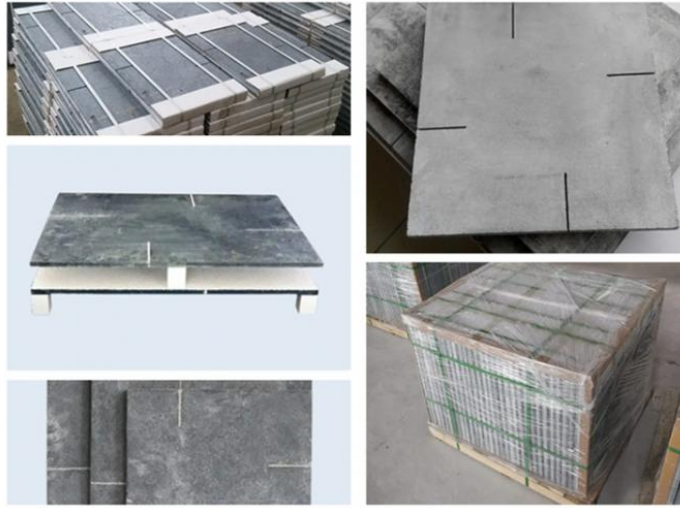
Product Description

Product Specifications of Rongsheng Supply Refractory SiC Plate Ssic Sintered Silicon Sarbide Ceramic Plates For Industrial Kilns

Silicon carbide plate used the high purity silicon carbide(SiC) and industrial silicon powder as the primary materials. Shaped by vibration, made by high sintering.

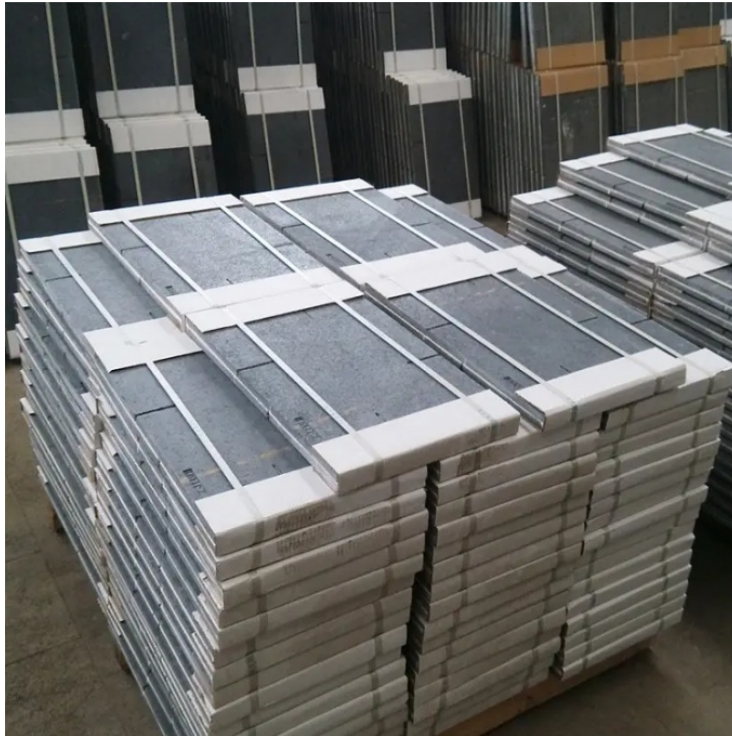
Silicon carbide plate silicon carbide bricks, sheds, brackets and silicon carbide special-shaped parts produced with silicon carbide as the main raw material not only have the inherent characteristics of silicon carbide such as high strength and high hardness, but also have high refractoriness under load, fast heat conduction, anti-oxidation, It is not easy to shrink and deform under high temperature, and has the characteristics of long service life.

Our Product Introduction



Features of Refractory Sic Plate For Kiln

1. Good thermal conductivity
2. Good high temperature strength
3. Wear resistant and erosion resistant
4. Good thermal shock resistance
5. Good corrosion resistance
6. Good oxidation resistance



Applications of Sintered Silicon Carbide Ceramic Plates For Industrial Kilns

1. Non-ferrous metal smelting industry, ceramic, enamel and cement rotary kiln mouth, as well as glass annealing furnace and various kind of high temperature furnace.
2. Blast furnace lining, the lining of aluminium electrolytic bath, glass tank, structural ceramics, sanitary ceramics, domestic ceramics, electrotechnical porcelain refractory material, sinter powder metal industry.
3. Industrial ceramics bearing plate burning, pushing board, sagger; muff plate of annealing furnace; lining and ignitor of CFBB; lining of garbage incinerators, heat treatment electric heating furnace, soaking pit furnace etc.

Product Specifications of Sintered Silicon Carbide Ceramic Plates

Properties	Units	Silicon carbide Material			
Type		SiC		SiSiC	NSiC
Chemical composition	SiC%	89	87	92	70
	SiO ₂ %	5	6	-	Si ₃ N ₄ 28
	Al ₂ O ₃ %	1.0	2.0	-	-
Bulk Density	g/cm ³	2.85	2.8	3.01	2.8
Apparent porosity	%	12	14	0.1	12
M.O.R.@20	MPa	50	48	260	180
M.O.R.@1300	MPa	58	56	280	185
C.T.E.@20 -1000	10 ⁻⁶ K ⁻¹	4.8	4.2	4.5	4.7
C.C.S	MPa	100	90	900	500
Thermal shock resistance	1	5	5	5	5
Max working temperature		1450	1420	1300	1500
application	Used in ceramic shuttle kiln, tunnel kiln and roller kiln, Kiln furniture.				



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