

■ **Silicon carbide Kiln Flame tube Furniture Cone nozzle:**

Silicon carbide is a ceramic material that is extremely hard and durable, making it ideal for use in high-temperature applications. RBSIC kiln gas burner tube nozzles is commonly used in kilns and furnaces, as well as in the production of cutting tools and abrasives.

■ **Technical data sheet of Silicon carbide Kiln Flame tube Furniture Cone nozzle:**

Item	Unit	Data
Temperature of application	°C	1380°C
Density	G/cm3	>3.02
Open porosity	%	<0.1
Bending strength	Mpa	250 (20°C)
	MPa	280 (1200°C )
Modulus of elasticity	GPa	330 (20°C)
	GPa	300 ( 1200°C )
Thermal conductivity	W/m.k	45 (1200°C )
Coefficient of thermal expansion	K-1 ×10-6	4.5
Rigidity	/	13
Acid-proof alkaline	/	excellent

■ **Advantages of Silicon carbide Kiln Flame tube Furniture Cone nozzle:**

- (1) A kiln RBSIC flame tube is a part of a kiln that is designed to direct the flow of hot gases and flames through the kiln, ensuring even heat distribution and efficient firing of the materials being processed.
- (2) Silicon carbide ceramic Kiln furniture refers to the various supports and shelves that are used to hold ceramic objects during firing in a kiln. These can be made from a variety of materials, including silicon carbide.
- (3) A silicon carbide ceramic cone nozzle is a type of spray nozzle that is commonly used in industrial applications. It is designed to produce a conical spray pattern, which can be adjusted to vary the angle and shape of the spray. Cone nozzles are used in a variety of applications, including cleaning, coating, and cooling.

