

Silicon Carbide Sic Thermal Heating Elements For Electric Furnace

Item Number: KT-SH



Introduction

Experience the advantages of Silicon Carbide (SiC) Heating Element: Long service life, high corrosion and oxidation resistance, fast heating speed, and easy maintenance. Learn more now!

[Learn More](#)

| | |
|----------------------------------|-------------------------|
| Bulk Density | 2.5g/cm ³ |
| Porosity | 23% |
| Thermal Conductivity | 14-19W/m·°C (1000°C) |
| Rupture Strength | 50Mpa(25°C) |
| Specific Heat | 1.0kj/kg·°C (25~1300°C) |
| Coefficient Of Thermal Expansion | 4.5×10 ⁻⁶ |

| OD | HZ | CZ | OL | Resistance |
|------|------------|-----------|-------------|--------------|
| 8mm | 100-300mm | 60-200mm | 240-700mm | 2.1-8.6 ohms |
| 12mm | 100-400mm | 100-350mm | 300-1100mm | 0.8-5.8 ohms |
| 14mm | 100-500mm | 150-350mm | 400-1200 | 0.7-5.6 ohms |
| 16mm | 200-600mm | 200-350mm | 600-1300 | 0.7-4.4 ohms |
| 18mm | 200-800mm | 200-400mm | 600-1600 | 0.7-5.8 ohms |
| 20mm | 200-800mm | 250-600mm | 700-2000mm | 0.6-6.0 ohms |
| 25mm | 200-1200mm | 250-700mm | 700-2600mm | 0.4-5.0 ohms |
| 30mm | 300-2000mm | 250-800mm | 800-3600mm | 0.4-4.0 ohms |
| 35mm | 400-2000mm | 250-800mm | 900-3600mm | 0.5-3.6 ohms |
| 40mm | 500-2700mm | 250-800mm | 1000-4300mm | 0.5-3.4 ohms |
| 45mm | 500-3000mm | 250-750mm | 1000-4500mm | 0.3-3.0 ohms |
| 50mm | 600-2500mm | 300-750mm | 1200-4000mm | 0.3-2.5 ohms |
| 54mm | 600-2500mm | 300-750mm | 1200-4000mm | 0.3-3.0 ohms |