

# Global Silicon Carbide Heating Element Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Silicon Carbide Heating Element market size is expected to reach \$ 160.5 million by 2029, rising at a market growth of 4.7% CAGR during the forecast period (2023-2029).

The key manufacturers of silicon carbide heating element in the world include Tokai Konetsu Kogyo, Sandvik, CoorsTek Corporation, I Squared R Element Co., Inc, Noritake, Silcarb, SICTECH, American Elements, Zhengzhou Ruisheng, New Material Technology, Zhengzhou Shibo, Insulcon and Zhengzhou Songshan, etc. Among them, the top five manufacturers account for nearly 30% of the market share, and the largest manufacturer is Tokai Konetsu Kogyo. The production of silicon carbide heating elements in the world is mainly distributed in Japan, North America, China and Europe, among which the first two production regions account for nearly 50% of the market share. At present, Japan is the largest production region, accounting for more than 20% of the market share, followed by North America and China. In terms of products, the relative growth rate of U-Shape and W-Shape is faster. At present, the market share of straight stick is close to 50%. In terms of application, metallurgy is the largest application field, with more than 30% market share, followed by machine processing and analytical instruments.

Silicon carbide heating elements are usually tubular or cylindrical and made of high purity silicon carbide particles fused together through a reaction bonding process or a recrystallization process where the temperature is raised above a specified temperature. Silicon carbide is a ceramic material with relatively high electrical conductivity when compared to other ceramics. Elements are produced by pressing or extruding and then sintering. Silicon Carbide Heating Elements are used in diverse number of settings, from ceramics and heat treating to metallurgy, assaying and

incineration etc.

This report studies the global Silicon Carbide Heating Element production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide Heating Element, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbide Heating Element that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide Heating Element total production and demand, 2018-2029, (K Unit)

Global Silicon Carbide Heating Element total production value, 2018-2029, (USD Million)

Global Silicon Carbide Heating Element production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Unit)

Global Silicon Carbide Heating Element consumption by region & country, CAGR, 2018-2029 & (K Unit)

U.S. VS China: Silicon Carbide Heating Element domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide Heating Element production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Unit)

Global Silicon Carbide Heating Element production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Unit)

Global Silicon Carbide Heating Element production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Unit)

This reports profiles key players in the global Silicon Carbide Heating Element market based on the following parameters – company overview, production, value, price, gross

margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tokai Konetsu Kogyo, Sandvik, CoorsTek Corporation, I Squared R Element Co., Inc., Noritake, Silcarb, SICTECH, American Elements and Zhengzhou Ruisheng, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbide Heating Element market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Unit) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Silicon Carbide Heating Element Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbide Heating Element Market, Segmentation by Type

Straight Stick

U-shape And W-shape

Others

## Global Silicon Carbide Heating Element Market, Segmentation by Application

Metallurgy

Machine Processing

Semiconductor

Analytical Instruments

Others

## Companies Profiled:

Tokai Konetsu Kogyo

Sandvik

CoorsTek Corporation

I Squared R Element Co., Inc.

Noritake

Silcarb

SICTECH

American Elements

Zhengzhou Ruisheng

New Material Technology

Zhengzhou Shibo

Insulcon

Zhengzhou Songshan

Electric Heating Element

Dpstar Group

SIM Srl

Volton

### Key Questions Answered

1. How big is the global Silicon Carbide Heating Element market?
2. What is the demand of the global Silicon Carbide Heating Element market?
3. What is the year over year growth of the global Silicon Carbide Heating Element market?
4. What is the production and production value of the global Silicon Carbide Heating Element market?
5. Who are the key producers in the global Silicon Carbide Heating Element market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Silicon Carbide Heating Element Introduction
- 1.2 World Silicon Carbide Heating Element Supply & Forecast
  - 1.2.1 World Silicon Carbide Heating Element Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Silicon Carbide Heating Element Production (2018-2029)
  - 1.2.3 World Silicon Carbide Heating Element Pricing Trends (2018-2029)
- 1.3 World Silicon Carbide Heating Element Production by Region (Based on Production Site)
  - 1.3.1 World Silicon Carbide Heating Element Production Value by Region (2018-2029)
  - 1.3.2 World Silicon Carbide Heating Element Production by Region (2018-2029)
  - 1.3.3 World Silicon Carbide Heating Element Average Price by Region (2018-2029)
  - 1.3.4 North America Silicon Carbide Heating Element Production (2018-2029)
  - 1.3.5 Europe Silicon Carbide Heating Element Production (2018-2029)
  - 1.3.6 China Silicon Carbide Heating Element Production (2018-2029)
  - 1.3.7 Japan Silicon Carbide Heating Element Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Silicon Carbide Heating Element Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Silicon Carbide Heating Element Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Silicon Carbide Heating Element Demand (2018-2029)
- 2.2 World Silicon Carbide Heating Element Consumption by Region
  - 2.2.1 World Silicon Carbide Heating Element Consumption by Region (2018-2023)
  - 2.2.2 World Silicon Carbide Heating Element Consumption Forecast by Region (2024-2029)
- 2.3 United States Silicon Carbide Heating Element Consumption (2018-2029)
- 2.4 China Silicon Carbide Heating Element Consumption (2018-2029)
- 2.5 Europe Silicon Carbide Heating Element Consumption (2018-2029)
- 2.6 Japan Silicon Carbide Heating Element Consumption (2018-2029)
- 2.7 South Korea Silicon Carbide Heating Element Consumption (2018-2029)
- 2.8 ASEAN Silicon Carbide Heating Element Consumption (2018-2029)

## 2.9 India Silicon Carbide Heating Element Consumption (2018-2029)

### **3 WORLD SILICON CARBIDE HEATING ELEMENT MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Silicon Carbide Heating Element Production Value by Manufacturer (2018-2023)

#### 3.2 World Silicon Carbide Heating Element Production by Manufacturer (2018-2023)

#### 3.3 World Silicon Carbide Heating Element Average Price by Manufacturer (2018-2023)

#### 3.4 Silicon Carbide Heating Element Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Silicon Carbide Heating Element Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Silicon Carbide Heating Element in 2022

##### 3.5.3 Global Concentration Ratios (CR8) for Silicon Carbide Heating Element in 2022

#### 3.6 Silicon Carbide Heating Element Market: Overall Company Footprint Analysis

##### 3.6.1 Silicon Carbide Heating Element Market: Region Footprint

##### 3.6.2 Silicon Carbide Heating Element Market: Company Product Type Footprint

##### 3.6.3 Silicon Carbide Heating Element Market: Company Product Application Footprint

#### 3.7 Competitive Environment

##### 3.7.1 Historical Structure of the Industry

##### 3.7.2 Barriers of Market Entry

##### 3.7.3 Factors of Competition

#### 3.8 New Entrant and Capacity Expansion Plans

#### 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

#### 4.1 United States VS China: Silicon Carbide Heating Element Production Value Comparison

##### 4.1.1 United States VS China: Silicon Carbide Heating Element Production Value Comparison (2018 & 2022 & 2029)

##### 4.1.2 United States VS China: Silicon Carbide Heating Element Production Value Market Share Comparison (2018 & 2022 & 2029)

#### 4.2 United States VS China: Silicon Carbide Heating Element Production Comparison

##### 4.2.1 United States VS China: Silicon Carbide Heating Element Production Comparison (2018 & 2022 & 2029)

##### 4.2.2 United States VS China: Silicon Carbide Heating Element Production Market Share Comparison (2018 & 2022 & 2029)

#### 4.3 United States VS China: Silicon Carbide Heating Element Consumption Comparison

4.3.1 United States VS China: Silicon Carbide Heating Element Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Silicon Carbide Heating Element Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Silicon Carbide Heating Element Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Silicon Carbide Heating Element Production Value (2018-2023)

4.4.3 United States Based Manufacturers Silicon Carbide Heating Element Production (2018-2023)

4.5 China Based Silicon Carbide Heating Element Manufacturers and Market Share

4.5.1 China Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Silicon Carbide Heating Element Production Value (2018-2023)

4.5.3 China Based Manufacturers Silicon Carbide Heating Element Production (2018-2023)

4.6 Rest of World Based Silicon Carbide Heating Element Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Silicon Carbide Heating Element Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Silicon Carbide Heating Element Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Silicon Carbide Heating Element Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Straight Stick

5.2.2 U-shape And W-shape

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Silicon Carbide Heating Element Production by Type (2018-2029)

5.3.2 World Silicon Carbide Heating Element Production Value by Type (2018-2029)



### 5.3.3 World Silicon Carbide Heating Element Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World Silicon Carbide Heating Element Market Size Overview by Application: 2018 VS 2022 VS 2029

### 6.2 Segment Introduction by Application

#### 6.2.1 Metallurgy

#### 6.2.2 Machine Processing

#### 6.2.3 Semiconductor

#### 6.2.4 Analytical Instruments

#### 6.2.5 Others

### 6.3 Market Segment by Application

#### 6.3.1 World Silicon Carbide Heating Element Production by Application (2018-2029)

#### 6.3.2 World Silicon Carbide Heating Element Production Value by Application (2018-2029)

#### 6.3.3 World Silicon Carbide Heating Element Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Tokai Konetsu Kogyo

#### 7.1.1 Tokai Konetsu Kogyo Details

#### 7.1.2 Tokai Konetsu Kogyo Major Business

#### 7.1.3 Tokai Konetsu Kogyo Silicon Carbide Heating Element Product and Services

#### 7.1.4 Tokai Konetsu Kogyo Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Tokai Konetsu Kogyo Recent Developments/Updates

#### 7.1.6 Tokai Konetsu Kogyo Competitive Strengths & Weaknesses

### 7.2 Sandvik

#### 7.2.1 Sandvik Details

#### 7.2.2 Sandvik Major Business

#### 7.2.3 Sandvik Silicon Carbide Heating Element Product and Services

#### 7.2.4 Sandvik Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.2.5 Sandvik Recent Developments/Updates

#### 7.2.6 Sandvik Competitive Strengths & Weaknesses

### 7.3 CoorsTek Corporation

#### 7.3.1 CoorsTek Corporation Details

- 7.3.2 CoorsTek Corporation Major Business
- 7.3.3 CoorsTek Corporation Silicon Carbide Heating Element Product and Services
- 7.3.4 CoorsTek Corporation Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 CoorsTek Corporation Recent Developments/Updates
- 7.3.6 CoorsTek Corporation Competitive Strengths & Weaknesses
- 7.4 I Squared R Element Co., Inc.
  - 7.4.1 I Squared R Element Co., Inc. Details
  - 7.4.2 I Squared R Element Co., Inc. Major Business
  - 7.4.3 I Squared R Element Co., Inc. Silicon Carbide Heating Element Product and Services
  - 7.4.4 I Squared R Element Co., Inc. Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 I Squared R Element Co., Inc. Recent Developments/Updates
  - 7.4.6 I Squared R Element Co., Inc. Competitive Strengths & Weaknesses
- 7.5 Noritake
  - 7.5.1 Noritake Details
  - 7.5.2 Noritake Major Business
  - 7.5.3 Noritake Silicon Carbide Heating Element Product and Services
  - 7.5.4 Noritake Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Noritake Recent Developments/Updates
  - 7.5.6 Noritake Competitive Strengths & Weaknesses
- 7.6 Silcarb
  - 7.6.1 Silcarb Details
  - 7.6.2 Silcarb Major Business
  - 7.6.3 Silcarb Silicon Carbide Heating Element Product and Services
  - 7.6.4 Silcarb Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Silcarb Recent Developments/Updates
  - 7.6.6 Silcarb Competitive Strengths & Weaknesses
- 7.7 SICTECH
  - 7.7.1 SICTECH Details
  - 7.7.2 SICTECH Major Business
  - 7.7.3 SICTECH Silicon Carbide Heating Element Product and Services
  - 7.7.4 SICTECH Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 SICTECH Recent Developments/Updates
  - 7.7.6 SICTECH Competitive Strengths & Weaknesses

## 7.8 American Elements

### 7.8.1 American Elements Details

### 7.8.2 American Elements Major Business

### 7.8.3 American Elements Silicon Carbide Heating Element Product and Services

### 7.8.4 American Elements Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.8.5 American Elements Recent Developments/Updates

### 7.8.6 American Elements Competitive Strengths & Weaknesses

## 7.9 Zhengzhou Ruisheng

### 7.9.1 Zhengzhou Ruisheng Details

### 7.9.2 Zhengzhou Ruisheng Major Business

### 7.9.3 Zhengzhou Ruisheng Silicon Carbide Heating Element Product and Services

### 7.9.4 Zhengzhou Ruisheng Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.9.5 Zhengzhou Ruisheng Recent Developments/Updates

### 7.9.6 Zhengzhou Ruisheng Competitive Strengths & Weaknesses

## 7.10 New Material Technology

### 7.10.1 New Material Technology Details

### 7.10.2 New Material Technology Major Business

### 7.10.3 New Material Technology Silicon Carbide Heating Element Product and Services

### 7.10.4 New Material Technology Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.10.5 New Material Technology Recent Developments/Updates

### 7.10.6 New Material Technology Competitive Strengths & Weaknesses

## 7.11 Zhengzhou Shibo

### 7.11.1 Zhengzhou Shibo Details

### 7.11.2 Zhengzhou Shibo Major Business

### 7.11.3 Zhengzhou Shibo Silicon Carbide Heating Element Product and Services

### 7.11.4 Zhengzhou Shibo Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.11.5 Zhengzhou Shibo Recent Developments/Updates

### 7.11.6 Zhengzhou Shibo Competitive Strengths & Weaknesses

## 7.12 Insulcon

### 7.12.1 Insulcon Details

### 7.12.2 Insulcon Major Business

### 7.12.3 Insulcon Silicon Carbide Heating Element Product and Services

### 7.12.4 Insulcon Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.12.5 Insulcon Recent Developments/Updates
- 7.12.6 Insulcon Competitive Strengths & Weaknesses
- 7.13 Zhengzhou Songshan
  - 7.13.1 Zhengzhou Songshan Details
  - 7.13.2 Zhengzhou Songshan Major Business
  - 7.13.3 Zhengzhou Songshan Silicon Carbide Heating Element Product and Services
  - 7.13.4 Zhengzhou Songshan Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Zhengzhou Songshan Recent Developments/Updates
  - 7.13.6 Zhengzhou Songshan Competitive Strengths & Weaknesses
- 7.14 Electric Heating Element
  - 7.14.1 Electric Heating Element Details
  - 7.14.2 Electric Heating Element Major Business
  - 7.14.3 Electric Heating Element Silicon Carbide Heating Element Product and Services
  - 7.14.4 Electric Heating Element Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 Electric Heating Element Recent Developments/Updates
  - 7.14.6 Electric Heating Element Competitive Strengths & Weaknesses
- 7.15 Dpstar Group
  - 7.15.1 Dpstar Group Details
  - 7.15.2 Dpstar Group Major Business
  - 7.15.3 Dpstar Group Silicon Carbide Heating Element Product and Services
  - 7.15.4 Dpstar Group Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Dpstar Group Recent Developments/Updates
  - 7.15.6 Dpstar Group Competitive Strengths & Weaknesses
- 7.16 SIM Srl
  - 7.16.1 SIM Srl Details
  - 7.16.2 SIM Srl Major Business
  - 7.16.3 SIM Srl Silicon Carbide Heating Element Product and Services
  - 7.16.4 SIM Srl Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 SIM Srl Recent Developments/Updates
  - 7.16.6 SIM Srl Competitive Strengths & Weaknesses
- 7.17 Volton
  - 7.17.1 Volton Details
  - 7.17.2 Volton Major Business
  - 7.17.3 Volton Silicon Carbide Heating Element Product and Services

7.17.4 Volton Silicon Carbide Heating Element Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 Volton Recent Developments/Updates

7.17.6 Volton Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Silicon Carbide Heating Element Industry Chain

8.2 Silicon Carbide Heating Element Upstream Analysis

8.2.1 Silicon Carbide Heating Element Core Raw Materials

8.2.2 Main Manufacturers of Silicon Carbide Heating Element Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Silicon Carbide Heating Element Production Mode

8.6 Silicon Carbide Heating Element Procurement Model

8.7 Silicon Carbide Heating Element Industry Sales Model and Sales Channels

8.7.1 Silicon Carbide Heating Element Sales Model

8.7.2 Silicon Carbide Heating Element Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Silicon Carbide Heating Element Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Silicon Carbide Heating Element Production Value by Region (2018-2023) & (USD Million)

Table 3. World Silicon Carbide Heating Element Production Value by Region (2024-2029) & (USD Million)

Table 4. World Silicon Carbide Heating Element Production Value Market Share by Region (2018-2023)

Table 5. World Silicon Carbide Heating Element Production Value Market Share by Region (2024-2029)

Table 6. World Silicon Carbide Heating Element Production by Region (2018-2023) & (K Unit)

Table 7. World Silicon Carbide Heating Element Production by Region (2024-2029) & (K Unit)

Table 8. World Silicon Carbide Heating Element Production Market Share by Region (2018-2023)

Table 9. World Silicon Carbide Heating Element Production Market Share by Region (2024-2029)

Table 10. World Silicon Carbide Heating Element Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Silicon Carbide Heating Element Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Silicon Carbide Heating Element Major Market Trends

Table 13. World Silicon Carbide Heating Element Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Unit)

Table 14. World Silicon Carbide Heating Element Consumption by Region (2018-2023) & (K Unit)

Table 15. World Silicon Carbide Heating Element Consumption Forecast by Region (2024-2029) & (K Unit)

Table 16. World Silicon Carbide Heating Element Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Silicon Carbide Heating Element Producers in 2022

Table 18. World Silicon Carbide Heating Element Production by Manufacturer (2018-2023) & (K Unit)

Table 19. Production Market Share of Key Silicon Carbide Heating Element Producers in 2022

Table 20. World Silicon Carbide Heating Element Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Silicon Carbide Heating Element Company Evaluation Quadrant

Table 22. World Silicon Carbide Heating Element Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Silicon Carbide Heating Element Production Site of Key Manufacturer

Table 24. Silicon Carbide Heating Element Market: Company Product Type Footprint

Table 25. Silicon Carbide Heating Element Market: Company Product Application Footprint

Table 26. Silicon Carbide Heating Element Competitive Factors

Table 27. Silicon Carbide Heating Element New Entrant and Capacity Expansion Plans

Table 28. Silicon Carbide Heating Element Mergers & Acquisitions Activity

Table 29. United States VS China Silicon Carbide Heating Element Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Silicon Carbide Heating Element Production Comparison, (2018 & 2022 & 2029) & (K Unit)

Table 31. United States VS China Silicon Carbide Heating Element Consumption Comparison, (2018 & 2022 & 2029) & (K Unit)

Table 32. United States Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Silicon Carbide Heating Element Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Silicon Carbide Heating Element Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Silicon Carbide Heating Element Production (2018-2023) & (K Unit)

Table 36. United States Based Manufacturers Silicon Carbide Heating Element Production Market Share (2018-2023)

Table 37. China Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Silicon Carbide Heating Element Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Silicon Carbide Heating Element Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Silicon Carbide Heating Element Production (2018-2023) & (K Unit)

Table 41. China Based Manufacturers Silicon Carbide Heating Element Production Market Share (2018-2023)

Table 42. Rest of World Based Silicon Carbide Heating Element Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Silicon Carbide Heating Element Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Silicon Carbide Heating Element Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Silicon Carbide Heating Element Production (2018-2023) & (K Unit)

Table 46. Rest of World Based Manufacturers Silicon Carbide Heating Element Production Market Share (2018-2023)

Table 47. World Silicon Carbide Heating Element Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Silicon Carbide Heating Element Production by Type (2018-2023) & (K Unit)

Table 49. World Silicon Carbide Heating Element Production by Type (2024-2029) & (K Unit)

Table 50. World Silicon Carbide Heating Element Production Value by Type (2018-2023) & (USD Million)

Table 51. World Silicon Carbide Heating Element Production Value by Type (2024-2029) & (USD Million)

Table 52. World Silicon Carbide Heating Element Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Silicon Carbide Heating Element Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Silicon Carbide Heating Element Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Silicon Carbide Heating Element Production by Application (2018-2023) & (K Unit)

Table 56. World Silicon Carbide Heating Element Production by Application (2024-2029) & (K Unit)

Table 57. World Silicon Carbide Heating Element Production Value by Application (2018-2023) & (USD Million)

Table 58. World Silicon Carbide Heating Element Production Value by Application (2024-2029) & (USD Million)

Table 59. World Silicon Carbide Heating Element Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Silicon Carbide Heating Element Average Price by Application



(2024-2029) & (US\$/Unit)

Table 61. Tokai Konetsu Kogyo Basic Information, Manufacturing Base and Competitors

Table 62. Tokai Konetsu Kogyo Major Business

Table 63. Tokai Konetsu Kogyo Silicon Carbide Heating Element Product and Services

Table 64. Tokai Konetsu Kogyo Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Tokai Konetsu Kogyo Recent Developments/Updates

Table 66. Tokai Konetsu Kogyo Competitive Strengths & Weaknesses

Table 67. Sandvik Basic Information, Manufacturing Base and Competitors

Table 68. Sandvik Major Business

Table 69. Sandvik Silicon Carbide Heating Element Product and Services

Table 70. Sandvik Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Sandvik Recent Developments/Updates

Table 72. Sandvik Competitive Strengths & Weaknesses

Table 73. CoorsTek Corporation Basic Information, Manufacturing Base and Competitors

Table 74. CoorsTek Corporation Major Business

Table 75. CoorsTek Corporation Silicon Carbide Heating Element Product and Services

Table 76. CoorsTek Corporation Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. CoorsTek Corporation Recent Developments/Updates

Table 78. CoorsTek Corporation Competitive Strengths & Weaknesses

Table 79. I Squared R Element Co., Inc. Basic Information, Manufacturing Base and Competitors

Table 80. I Squared R Element Co., Inc. Major Business

Table 81. I Squared R Element Co., Inc. Silicon Carbide Heating Element Product and Services

Table 82. I Squared R Element Co., Inc. Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. I Squared R Element Co., Inc. Recent Developments/Updates

Table 84. I Squared R Element Co., Inc. Competitive Strengths & Weaknesses

Table 85. Noritake Basic Information, Manufacturing Base and Competitors

Table 86. Noritake Major Business

- Table 87. Noritake Silicon Carbide Heating Element Product and Services
- Table 88. Noritake Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Noritake Recent Developments/Updates
- Table 90. Noritake Competitive Strengths & Weaknesses
- Table 91. Silcarb Basic Information, Manufacturing Base and Competitors
- Table 92. Silcarb Major Business
- Table 93. Silcarb Silicon Carbide Heating Element Product and Services
- Table 94. Silcarb Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Silcarb Recent Developments/Updates
- Table 96. Silcarb Competitive Strengths & Weaknesses
- Table 97. SICTECH Basic Information, Manufacturing Base and Competitors
- Table 98. SICTECH Major Business
- Table 99. SICTECH Silicon Carbide Heating Element Product and Services
- Table 100. SICTECH Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. SICTECH Recent Developments/Updates
- Table 102. SICTECH Competitive Strengths & Weaknesses
- Table 103. American Elements Basic Information, Manufacturing Base and Competitors
- Table 104. American Elements Major Business
- Table 105. American Elements Silicon Carbide Heating Element Product and Services
- Table 106. American Elements Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. American Elements Recent Developments/Updates
- Table 108. American Elements Competitive Strengths & Weaknesses
- Table 109. Zhengzhou Ruisheng Basic Information, Manufacturing Base and Competitors
- Table 110. Zhengzhou Ruisheng Major Business
- Table 111. Zhengzhou Ruisheng Silicon Carbide Heating Element Product and Services
- Table 112. Zhengzhou Ruisheng Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Zhengzhou Ruisheng Recent Developments/Updates
- Table 114. Zhengzhou Ruisheng Competitive Strengths & Weaknesses
- Table 115. New Material Technology Basic Information, Manufacturing Base and

## Competitors

Table 116. New Material Technology Major Business

Table 117. New Material Technology Silicon Carbide Heating Element Product and Services

Table 118. New Material Technology Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. New Material Technology Recent Developments/Updates

Table 120. New Material Technology Competitive Strengths & Weaknesses

Table 121. Zhengzhou Shibo Basic Information, Manufacturing Base and Competitors

Table 122. Zhengzhou Shibo Major Business

Table 123. Zhengzhou Shibo Silicon Carbide Heating Element Product and Services

Table 124. Zhengzhou Shibo Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Zhengzhou Shibo Recent Developments/Updates

Table 126. Zhengzhou Shibo Competitive Strengths & Weaknesses

Table 127. Insulcon Basic Information, Manufacturing Base and Competitors

Table 128. Insulcon Major Business

Table 129. Insulcon Silicon Carbide Heating Element Product and Services

Table 130. Insulcon Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Insulcon Recent Developments/Updates

Table 132. Insulcon Competitive Strengths & Weaknesses

Table 133. Zhengzhou Songshan Basic Information, Manufacturing Base and Competitors

Table 134. Zhengzhou Songshan Major Business

Table 135. Zhengzhou Songshan Silicon Carbide Heating Element Product and Services

Table 136. Zhengzhou Songshan Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Zhengzhou Songshan Recent Developments/Updates

Table 138. Zhengzhou Songshan Competitive Strengths & Weaknesses

Table 139. Electric Heating Element Basic Information, Manufacturing Base and Competitors

Table 140. Electric Heating Element Major Business

Table 141. Electric Heating Element Silicon Carbide Heating Element Product and

## Services

Table 142. Electric Heating Element Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Electric Heating Element Recent Developments/Updates

Table 144. Electric Heating Element Competitive Strengths & Weaknesses

Table 145. Dpstar Group Basic Information, Manufacturing Base and Competitors

Table 146. Dpstar Group Major Business

Table 147. Dpstar Group Silicon Carbide Heating Element Product and Services

Table 148. Dpstar Group Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Dpstar Group Recent Developments/Updates

Table 150. Dpstar Group Competitive Strengths & Weaknesses

Table 151. SIM Srl Basic Information, Manufacturing Base and Competitors

Table 152. SIM Srl Major Business

Table 153. SIM Srl Silicon Carbide Heating Element Product and Services

Table 154. SIM Srl Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. SIM Srl Recent Developments/Updates

Table 156. Volton Basic Information, Manufacturing Base and Competitors

Table 157. Volton Major Business

Table 158. Volton Silicon Carbide Heating Element Product and Services

Table 159. Volton Silicon Carbide Heating Element Production (K Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 160. Global Key Players of Silicon Carbide Heating Element Upstream (Raw Materials)

Table 161. Silicon Carbide Heating Element Typical Customers

Table 162. Silicon Carbide Heating Element Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Silicon Carbide Heating Element Picture

Figure 2. World Silicon Carbide Heating Element Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Silicon Carbide Heating Element Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Silicon Carbide Heating Element Production (2018-2029) & (K Unit)

Figure 5. World Silicon Carbide Heating Element Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Silicon Carbide Heating Element Production Value Market Share by Region (2018-2029)

Figure 7. World Silicon Carbide Heating Element Production Market Share by Region (2018-2029)

Figure 8. North America Silicon Carbide Heating Element Production (2018-2029) & (K Unit)

Figure 9. Europe Silicon Carbide Heating Element Production (2018-2029) & (K Unit)

Figure 10. China Silicon Carbide Heating Element Production (2018-2029) & (K Unit)

Figure 11. Japan Silicon Carbide Heating Element Production (2018-2029) & (K Unit)

Figure 12. Silicon Carbide Heating Element Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 15. World Silicon Carbide Heating Element Consumption Market Share by Region (2018-2029)

Figure 16. United States Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 17. China Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 18. Europe Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 19. Japan Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 20. South Korea Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 21. ASEAN Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 22. India Silicon Carbide Heating Element Consumption (2018-2029) & (K Unit)

Figure 23. Producer Shipments of Silicon Carbide Heating Element by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Silicon Carbide Heating Element Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Silicon Carbide Heating Element Markets in 2022

Figure 26. United States VS China: Silicon Carbide Heating Element Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Silicon Carbide Heating Element Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Silicon Carbide Heating Element Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Silicon Carbide Heating Element Production Market Share 2022

Figure 30. China Based Manufacturers Silicon Carbide Heating Element Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Silicon Carbide Heating Element Production Market Share 2022

Figure 32. World Silicon Carbide Heating Element Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Silicon Carbide Heating Element Production Value Market Share by Type in 2022

Figure 34. Straight Stick

Figure 35. U-shape And W-shape

Figure 36. Others

Figure 37. World Silicon Carbide Heating Element Production Market Share by Type (2018-2029)

Figure 38. World Silicon Carbide Heating Element Production Value Market Share by Type (2018-2029)

Figure 39. World Silicon Carbide Heating Element Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Silicon Carbide Heating Element Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Silicon Carbide Heating Element Production Value Market Share by Application in 2022

Figure 42. Metallurgy

Figure 43. Machine Processing

Figure 44. Semiconductor

Figure 45. Analytical Instruments

Figure 46. Others

Figure 47. World Silicon Carbide Heating Element Production Market Share by

Application (2018-2029)

Figure 48. World Silicon Carbide Heating Element Production Value Market Share by Application (2018-2029)

Figure 49. World Silicon Carbide Heating Element Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Silicon Carbide Heating Element Industry Chain

Figure 51. Silicon Carbide Heating Element Procurement Model

Figure 52. Silicon Carbide Heating Element Sales Model

Figure 53. Silicon Carbide Heating Element Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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