

COVID-19 Outbreak-Global Silicon and Ferrosilicon Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

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Abstracts

Ferrosilicon is a ferroalloy, an alloy of iron and silicon with an average silicon content between 15 and 90 weight percent. It contains a high proportion of iron silicides. Ferrosilicon is used for manufacture of silicon, corrosion-resistant and high-temperature resistant ferrous silicon alloys, and silicon steel for electromotors and transformer cores. In the manufacture of cast iron, ferrosilicon is used for inoculation of the iron to accelerate graphitization. In arc welding, ferrosilicon can be found in some electrode coatings. Ferrosilicon is used as a source of silicon to reduce metals from their oxides and to deoxidize steel and other ferrous alloys. This prevents the loss of carbon from the molten steel (so called blocking the heat). Ferro Silicon is used in the production of cast iron, as Ferro Silicon can accelerate graphitization. Ferro Silicon replaces the need for ferro manganese, spiegeleisen and calcium silicides in the manufacturing process. The Silicon and Ferrosilicon market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Silicon and Ferrosilicon industry. Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Silicon and Ferrosilicon market can be split based on product types, major applications, and important countries as follows:

Key players in the global Silicon and Ferrosilicon market covered in Chapter 12:

Mitsubishi Polysilicon America Corporation (USA)

Simcoa (Silicon Metal Company of Australia) Operations Pty Ltd. (Australia)

Hemlock Semiconductor Corporation (USA)

Evonik Industries AG (Germany)

The Rima Group (Brazil)

China National BlueStar (Group) Co., Ltd. (China)

The Lanzhou BlueStar Silicon Materials Co., Ltd. (China)

Ferroglobe PLC (UK)

AMG Advanced Metallurgical Group N.V. (The Netherlands)

Sumco Corporation (Japan)

OSAKA Titanium Technologies Co., Ltd. (Japan)

Wacker Chemie AG (Germany)

Tokuyama Corporation (Japan)

REC Silicon ASA (Norway)

Shin-Etsu Chemical Co., Ltd. (Japan)

DowDuPont, Inc. (USA)

Elkem AS (Norway)

Mitsubishi Materials Corporation (Japan)

In Chapter 4 and 14.1, on the basis of types, the Silicon and Ferrosilicon market from 2015 to 2025 is primarily split into:

Silicon Metal

Ferrosilicon

In Chapter 5 and 14.2, on the basis of applications, the Silicon and Ferrosilicon market from 2015 to 2025 covers:

Metallurgy

Chemicals

Semiconductors

Ferrous Foundry
Steel Industry
Others

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)

United States

Canada

Mexico

Europe (Covered in Chapter 8 and 14)

Germany

UK

France

Italy

Spain

Russia

Others

Asia-Pacific (Covered in Chapter 9 and 14)

China

Japan

South Korea

Australia

India

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 10 and 14)

Saudi Arabia

UAE

Egypt

Nigeria

South Africa

Others

South America (Covered in Chapter 11 and 14)

Brazil

Argentina

Columbia

Chile

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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