

Silicon Carbide and Alumina Market - Global Outlook and Forecast 2022-2028

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Abstracts

Silicon carbide and alumina have high hardness, excellent heat resistance and durability. Widely used in abrasives, coating abrasives, refractory products and heating elements. Crucible, kiln burning parts, mechanical seals and parts materials used in semiconductor production. It is relatively easy to manufacture high-density sintered bodies with high purity and dimensional accuracy. Alumina is a material with relatively high thermal conductivity. On the other hand, compared with silicon nitride or silicon carbide, it has a higher coefficient of thermal expansion and lower impact resistance. SiC is more resistant to chemical corrosion, such as oxidation, than other non-oxide ceramics.

This report contains market size and forecasts of Silicon Carbide and Alumina in global, including the following market information:

Global Silicon Carbide and Alumina Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Silicon Carbide and Alumina Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Silicon Carbide and Alumina companies in 2021 (%)

The global Silicon Carbide and Alumina market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Flake Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Silicon Carbide and Alumina include Hindalco Industries Limited, United Company RUSAL Plc, Rio Tinto, Aluminum Corporation of China Limited, Alcoa Corporation, National Aluminium Company Limited (NALCO), Norsk Hydro ASA, Almatix B.V. and CVG Bauxilum CA, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon Carbide and Alumina manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Silicon Carbide and Alumina Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Silicon Carbide and Alumina Market Segment Percentages, by Type, 2021 (%)

Flake

Calcination Grade

Reactive Grade

Melting Grade

Metallurgical Grade

Global Silicon Carbide and Alumina Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Silicon Carbide and Alumina Market Segment Percentages, by Application, 2021 (%)

Automobile

Building

Installation

Consumer Durables

Electrical And Electronics

Power

Others

Global Silicon Carbide and Alumina Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Kiloton)

Global Silicon Carbide and Alumina Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Silicon Carbide and Alumina revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Silicon Carbide and Alumina revenues share in global market, 2021 (%)

Key companies Silicon Carbide and Alumina sales in global market, 2017-2022 (Estimated), (Kiloton)

Key companies Silicon Carbide and Alumina sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Hindalco Industries Limited

United Company RUSAL Plc

Rio Tinto

Aluminum Corporation of China Limited

Alcoa Corporation

National Aluminium Company Limited (NALCO)

Norsk Hydro ASA

Almatis B.V.

CVG Bauxilum CA

Alumina Limited

Fiven

Ningxia Tianjing

Lanzhou Heqiao

Tianzhu Yutong

Cumi Murugappa

Elsid S.A

Washington Mills

ESD-SIC

Erdos

Ningxia Jinjing

Elmet

Snam Abrasives

Navarro

Pacific Rundum

Zaporozhsky Abrasivny Combinat

Yakushima Denko

Yicheng New Energy

Blasch Precision Ceramics

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