

# Global Silicon Carbide Coating Industry Report 2016

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## Abstracts

This report provides detailed analysis of worldwide markets for Silicon Carbide Coating from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Silicon Carbide Coating market and further lays out an analysis of the factors influencing the supply/demand for Silicon Carbide Coating, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

SiC coatings are first and foremost used for the protection of materials which are exposed to particularly aggressive chemical influences. The silicon carbide coatings also increase the impact strength in addition to the chemical resistance and, moreover, they also serve the purpose of protection against oxidation for the graphite materials. With thicknesses of the layers of between 80 and 120  $\mu\text{m}$  even critical graphite components can be sealed. Typical fields of application for SiC coatings are surface sealing in semiconductor technology and coating of satellite mirrors. It also has traditionally been used in semiconductor processing applications, such as RTP and oxide etch chamber components that take advantage of SiC's excellent resistance to thermal shock and erosion by high energy plasmas.

GCC's report, Global Silicon Carbide Coating Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Silicon Carbide Coating market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Silicon Carbide Coating market are Mersen, Bay Carbon, Entegris, Dow, Schunk, Morgan Advanced Materials, Toyo Tanso, Tokai Carbon,

Covalent, ADAP, Ibiden, SGL, Xi'an Chaoma.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Silicon Carbide Coating industry has been provided.

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## **ABBREVIATIONS**

## **DISCLAIMER**

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