

# Global Silicon Carbide Industry Report 2016

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## Abstracts

This report provides detailed analysis of worldwide markets for Silicon Carbide 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 market and further lays out an analysis of the factors influencing the supply/demand for Silicon Carbide, 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.

Silicon carbide (SiC), also known as carborundum, is a compound of silicon and carbon with chemical formula SiC. It occurs in nature as the extremely rare mineral moissanite. Silicon carbide powder has been mass-produced since 1893 for use as an abrasive. SiC can be produced as either black or green, depending on the quality of the raw materials. More recently, it has found application in refractory linings and heating elements for industrial furnaces, in wear-resistant parts for pumps and rocket engines, and in semiconducting substrates for light-emitting diodes. Grains of silicon carbide can be bonded together by sintering to form very hard ceramics that are widely used in applications requiring high endurance, such as car brakes, car clutches and ceramic plates in bulletproof vests.

GCC's report, Global Silicon Carbide Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Silicon Carbide 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 market are Specialty Materials, ATK-COIC, Nippon Carbon, UBE, Gunze, Saifei Group.

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 industry has been provided.

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## **DISCLAIMER**

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