

Global Silicon Nitride Powder Industry Report 2016

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Abstracts

This report provides detailed analysis of worldwide markets for Silicon Nitride Powder 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 Nitride Powder market and further lays out an analysis of the factors influencing the supply/demand for Silicon Nitride Powder, 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 nitride is a chemical compound of the elements silicon and nitrogen, with the formula Si_3N_4 . The nitridation of silicon powder was developed in the 1950s. However, use of low-purity raw silicon caused contamination of silicon nitride by silicates and iron. The diimide decomposition results in amorphous silicon nitride, which needs further annealing under nitrogen at 1400–1500 °C to convert it to crystalline powder; this is now the second-most important route for commercial production. The carbothermal reduction was the earliest used method for silicon nitride production and is now considered as the most-cost-effective industrial route to high-purity silicon nitride powder.

GCC's report, Global Silicon Nitride Powder Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Silicon Nitride Powder 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 Nitride Powder market are Denka, Toshiba, UBE, Hefei Morke, Wuan Yongxing, Fujian Meishibang, Jiangsu Ansaimei, Yantai Tomley.

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 Nitride Powder industry has been provided.

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ABBREVIATIONS

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