

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Machinable Ceramic Market 2018, Forecast to 2023**

<https://marketpublishers.com/r/GE648BB97F7EN.html>

Date: July 2018

Pages: 136

Price: US\$ 4,880.00 (Single User License)

ID: GE648BB97F7EN

## **Abstracts**

Machinable ceramic has a continuous use temperature of 800°C and a peak temperature of 1000°C. Its coefficient of thermal expansion readily matches most metals and sealing glasses. It is non-wetting, exhibits zero porosity, and unlike ductile materials, won't deform. It is an excellent insulator at high voltages, various frequencies and high temperatures. And, when properly baked out, it won't outgas in vacuum environments.

### **Scope of the Report:**

This report focuses on the Machinable Ceramic in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Machinable ceramics allow ceramic components to be made without the delay or expense of conventional ceramic manufacturing processes.

Applications of machinable ceramic include Aerospace Industry, Constant & Ultra-high Vacuum Environments, Medical Industry, Welding Nozzles, Semi-conductor Industry and so on. Among those applications, Semi-conductor industry accounts for the largest market share, which was about 32.24% in 2016.

The machinable ceramic industry is relatively concentrated. Tokuyama is the largest producer with an output of 72389 Kg in 2016. The second producer, Corning, comes from France, with 28.08% output share.

Global production of machinable ceramic increased from 232517 Kg in 2012 to 238512

Kg in 2016. There is no doubt that Japan is the largest production base. As for consumption, USA is the largest consumer with about 27.12% share in 2016. Europe is the follower, consuming about 53727 Kg.

Due to its own advantages, machinable ceramic industry keeps upward tendency in the recent years, it is estimated that global machinable ceramic industry will be worthy of 152.83 million USD in 2022.

The worldwide market for Machinable Ceramic is expected to grow at a CAGR of roughly 3.6% over the next five years, will reach 160 million US\$ in 2023, from 130 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Corning

Tokuyama

Ferrotec

Crystex Composites

Aremco

Ariake Materials

Wuxi Creative Ceramic

INNOVACERA

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Fluorophlogopite Glass Ceramic

Non-oxide Ceramic

Other

Market Segment by Applications, can be divided into

Aerospace Industry

Constant & Ultra-high Vacuum Environments

Medical Industry

Welding Nozzles

Semi-conductor Industry

Other

There are 15 Chapters to deeply display the global Machinable Ceramic market.

Chapter 1, to describe Machinable Ceramic Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Machinable Ceramic, with sales, revenue, and price of Machinable Ceramic, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Machinable Ceramic, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Machinable Ceramic market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Machinable Ceramic sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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