

# 2018-2023 Global Silicon Nitride Ceramics Consumption Market Report

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## **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Silicon Nitride Ceramics market for 2018-2023.

Silicon nitride ceramics offer high thermal, shock, and impact resistance. Silicon nitride ceramics is superior to other materials due to its thermal shock resistance. It does not deteriorate at high temperatures, so it's used for automotive engines and parts for gas turbines, including the turbocharger rotor. It is widely used in Cutting Tools, Bearing Rolling Elements, Automotive Components (rollers/pads), Oil&Gas Components industry.

Silicon nitride exceeds other ceramics in thermal shock resistance, and it is is superior to other materials due to its thermal shock resistance. It does not deteriorate at high temperatures. Hence it is most appropriate for engine and gas turbine parts, including turbo charger rotors, diesel engine glow plugs and hot plugs. As to the silicon nitride ceramics downstream application, Cutting Tools is its largest downstream market, which shares 28.75% of the consumption in 2016.

The sales of silicon nitride ceramics is through reaction sintering method (RS), Constant-pressing sintering method (CPS), gas-pressing sintering method (GPS), etc. RS is the most popular method for producing silicon nitride ceramics, which takes up 51.14% global consumption in 2016.

At present, the sales of silicon nitride ceramics distributed evenly in North America, Europe and Asia-Pacific. Europe is the largest consumption region of silicon nitride ceramics in the world in the past few years and it will keep the same position in the next few years. The Europe market market took up about 38.41% the global sales in 2016,



followed by North America (32.25%).

Over the next five years, LPI(LP Information) projects that Silicon Nitride Ceramics will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Nitride Ceramics market by product type, application, key manufacturers and key regions.

	culate the market size, LP Information considers value and volume generate sales of the following segments:
Segme	entation by product type:
	CPS
	RS
	GPS
	Other
Segme	entation by application:
	Aerospace Components
	Cutting Tools
	Bearing Rolling Elements
	Automotive Components (rollers/pads)
	Oil&Gas Components Industry
	Mining Components
	Other



# This report also splits the market by region:

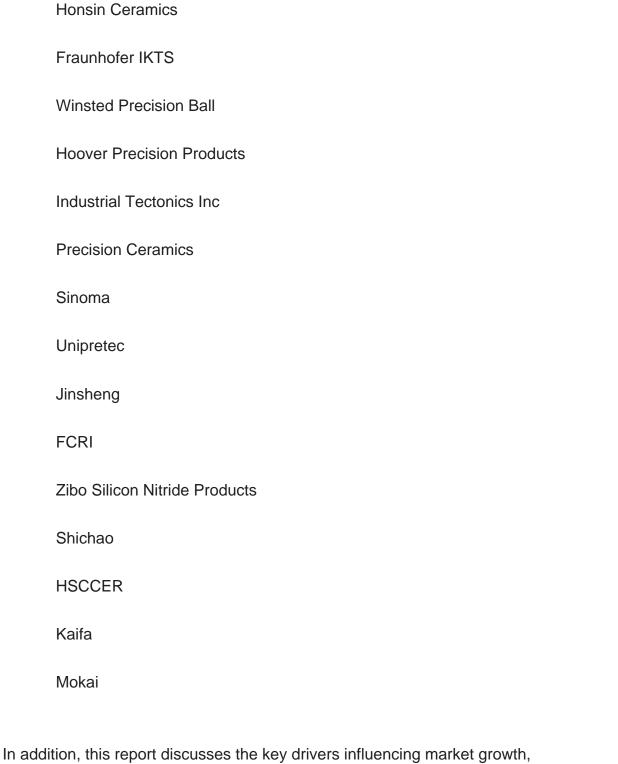
Americas
United States
Canada
Mexico
Brazil
APAC
China
Japan
Korea
Southeast Asia
India
Australia
Europe
Germany
France
UK
Italy
Russia
Spain



Middle East & Africa

Egypt		
South Africa		
Israel		
Turkey		
GCC Countries		
The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:		
Kyoceras		
CeramTec		
3M		
Ortech		
Toshiba		
Coorstek		
Morgan Advanced Materials		
Ferrotec		
Syalons		
Rogers		
Amedica		





In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives



To study and analyze the global Silicon Nitride Ceramics consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Silicon Nitride Ceramics market by identifying its various subsegments.

Focuses on the key global Silicon Nitride Ceramics manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Silicon Nitride Ceramics with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Silicon Nitride Ceramics submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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