

2018 Top 5 Silicon Nitride Ceramics Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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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 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-pressure sintering method (CPS), gas-pressure 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 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 studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Kyoceras

CeramTec

3M

Ortech

Toshiba

Coorstek

Morgan Advanced Materials

Ferrotec

Syalons

Rogers

Amedica

Honsin Ceramics

Fraunhofer IKTS

Winsted Precision Ball

Hoover Precision Products

Industrial Tectonics Inc

Precision Ceramics

Sinoma

Unipretec

Jinsheng

FCRI

Zibo Silicon Nitride Products

Shichao

HSCCER

Kaifa

Mokai

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

CPS

RS

GPS

Other

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Aerospace Components

Cutting Tools

Bearing Rolling Elements

Automotive Components (rollers/pads)

Oil&Gas Components Industry

Mining Components

Other

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