

# Global and United States Sialon Market Research by Company, Type & Application 2013-2025

https://marketpublishers.com/r/GCAEA382326EN.html

Date: April 2018 Pages: 76 Price: US\$ 2,000.00 (Single User License) ID: GCAEA382326EN

# Abstracts

## SUMMARY

Sialon ceramics are a specialist class of high-temperature refractory materials, with high strength (including at high temperature), good thermal shock resistance and exceptional resistance to wetting or corrosion by molten non-ferrous metals, compared to other refractory materials such as, for example, alumina. A typical use is with handling of molten aluminium. They also are exceptionally corrosion resistant and hence are also used in the chemical industry. Sialons also have high wear resistance, low thermal expansion and good oxidation resistance up to above ~1000 °C. They were invented by Kenneth Henderson Jack in 1984.

Market Segment as follows:

Ву Туре

?-Sialon

?-Sialon

Others

By Application

Military



#### Aerospace

Machinery

Metallurgical

Others

#### By Company

McDanel

Hitachi Metals

Ferrotec

Insaco

AG materials

CeramTec

Syalons

Shinagawa

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview; Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application; Section 5:



United States export and import; Section 6: Company information, business overview, sales data and product specifications; Section 7: Industry chain and raw materials; Section 8: SWOT and Porter's Five Forces; Section 9: Conclusion.



# Contents

# **1 MARKET OVERVIEW**

- 1.1 Market Segment Overview
  - 1.1.1 Product Definition
  - 1.1.2 Market by Type
  - 1.1.2.1 ?-Sialon
  - 1.1.2.2 ?-Sialon
  - 1.1.2.3 Others
  - 1.1.3 Market by Application
  - 1.1.3.1 Military
  - 1.1.3.2 Aerospace
  - 1.1.3.3 Machinery
  - 1.1.3.4 Metallurgical
  - 1.1.3.5 Others
- 1.2 Global and Regional Market Size
  - 1.2.1 Global Overview
  - 1.2.2 United States Overview

## 2 GLOBAL AND REGIONAL MARKET BY COMPANY

- 2.1 Global
  - 2.1.1 Global Sales by Company
  - 2.1.2 Global Price by Company
- 2.2 United States
  - 2.2.1 United States Sales by Company
  - 2.2.2 United States Price by Company

## **3 GLOBAL AND REGIONAL MARKET BY TYPE**

- 3.1 Global
  - 3.1.1 Global Sales by Type
- 3.1.2 Global Price by Type
- 3.2 United States
  - 3.2.1 United States Sales by Type
  - 3.2.2 United States Price by Type

# **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**



#### 4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 United States
- 4.2.1 United States Sales by Application
- 4.2.2 United States Price by Application

# **5 REGIONAL TRADE**

- 5.1 Export
- 5.2 Import

# **6 KEY MANUFACTURERS**

- 6.1 McDanel
  - 6.1.2 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Hitachi Metals
  - 6.2.1 Company Information
  - 6.2.2 Product Specifications
- 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Ferrotec
  - 6.3.1 Company Information
  - 6.3.2 Product Specifications
- 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Insaco
  - 6.4.1 Company Information
  - 6.4.2 Product Specifications
- 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 AG materials
  - 6.5.1 Company Information
  - 6.5.2 Product Specifications
- 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 CeramTec
  - 6.6.1 Company Information
- 6.6.2 Product Specifications
- 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)



#### 6.7 Syalons

- 6.7.1 Company Information
- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 Shinagawa
  - 6.8.1 Company Information
  - 6.8.2 Product Specifications
  - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

## 7 INDUSTRY UPSTREAM

7.1 Industry Chain

7.2 Raw Materials

# **8 MARKET ENVIRONMENT**

8.1 SWOT

8.2 Porter's Five Forces

## 9 CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017 Table Global Market Sales Revenue Share by Company 2013-2017 Table Global Market Sales Volume by Company 2013-2017 Table Global Market Sales Volume Share by Company 2013-2017 Table Global Price by Company 2013-2017 Table United States Market Sales Revenue by Company 2013-2017 Table United States Market Sales Revenue Share by Company 2013-2017 Table United States Market Sales Volume by Company 2013-2017 Table United States Market Sales Volume Share by Company 2013-2017 Table United States Price by Company 2013-2017 Table Global Market Sales Revenue by Type 2013-2017 Table Global Market Sales Revenue Share by Type 2013-2017 Table Global Market Sales Volume by Type 2013-2017 Table Global Market Sales Volume Share by Type 2013-2017 Table Global Price by Type 2013-2017 Table United States Market Sales Revenue by Type 2013-2017 Table United States Market Sales Revenue Share by Type 2013-2017 Table United States Market Sales Volume by Type 2013-2017 Table United States Market Sales Volume Share by Type 2013-2017 Table United States Price by Type 2013-2017 Table Global Market Sales Revenue by Application 2013-2017 Table Global Market Sales Revenue Share by Application 2013-2017 Table Global Market Sales Volume by Application 2013-2017 Table Global Market Sales Volume Share by Application 2013-2017 Table Global Price by Application 2013-2017 Table United States Market Sales Revenue by Application 2013-2017 Table United States Market Sales Revenue Share by Application 2013-2017 Table United States Market Sales Volume by Application 2013-2017 Table United States Market Sales Volume Share by Application 2013-2017 Table United States Price by Application 2013-2017 Table United States Export 2013-2017 (Million USD) Table United States Export 2013-2017 (Volume) Table United States Import 2013-2017 (Million USD) Table United States Import 2013-2017 (Volume) Table Sales Revenue, Volume, Price, Cost and Margin of McDanel



Table Sales Revenue, Volume, Price, Cost and Margin of Hitachi Metals Table Sales Revenue, Volume, Price, Cost and Margin of Ferrotec Table Sales Revenue, Volume, Price, Cost and Margin of Insaco Table Sales Revenue, Volume, Price, Cost and Margin of AG materials Table Sales Revenue, Volume, Price, Cost and Margin of CeramTec Table Sales Revenue, Volume, Price, Cost and Margin of Syalons Table Sales Revenue, Volume, Price, Cost and Margin of Syalons

# **List Of Figures**

#### LIST OF FIGURES

Figure ?-Sialon Market Size and CAGR 2013-2017 (Million USD) Figure ?-Sialon Market Size and CAGR 2013-2017 (Volume) Figure ?-Sialon Market Forecast and CAGR 2018-2025 (Million USD) Figure ?-Sialon Market Forecast and CAGR 2018-2025 (Volume) Figure ?-Sialon Market Size and CAGR 2013-2017 (Million USD) Figure ?-Sialon Market Size and CAGR 2013-2017 (Volume) Figure ?-Sialon Market Forecast and CAGR 2018-2025 (Million USD) Figure ?-Sialon Market Forecast and CAGR 2018-2025 (Volume) Figure Others Market Size and CAGR 2013-2017 (Million USD) Figure Others Market Size and CAGR 2013-2017 (Volume) Figure Others Market Forecast and CAGR 2018-2025 (Million USD) Figure Others Market Forecast and CAGR 2018-2025 (Volume) Figure Military Market Size and CAGR 2013-2017 (Million USD) Figure Military Market Size and CAGR 2013-2017 (Volume) Figure Military Market Forecast and CAGR 2018-2025 (Million USD) Figure Military Market Forecast and CAGR 2018-2025 (Volume) Figure Aerospace Market Size and CAGR 2013-2017 (Million USD) Figure Aerospace Market Size and CAGR 2013-2017 (Volume) Figure Aerospace Market Forecast and CAGR 2018-2025 (Million USD) Figure Aerospace Market Forecast and CAGR 2018-2025 (Volume) Figure Machinery Market Size and CAGR 2013-2017 (Million USD) Figure Machinery Market Size and CAGR 2013-2017 (Volume) Figure Machinery Market Forecast and CAGR 2018-2025 (Million USD) Figure Machinery Market Forecast and CAGR 2018-2025 (Volume) Figure Metallurgical Market Size and CAGR 2013-2017 (Million USD) Figure Metallurgical Market Size and CAGR 2013-2017 (Volume) Figure Metallurgical Market Forecast and CAGR 2018-2025 (Million USD) Figure Metallurgical Market Forecast and CAGR 2018-2025 (Volume) Figure Others Market Size and CAGR 2013-2017 (Million USD) Figure Others Market Size and CAGR 2013-2017 (Volume) Figure Others Market Forecast and CAGR 2018-2025 (Million USD) Figure Others Market Forecast and CAGR 2018-2025 (Volume) Figure Global Sialon Market Size and CAGR 2013-2017 (Million USD) Figure Global Sialon Market Size and CAGR 2013-2017 (Volume) Figure Global Sialon Market Forecast and CAGR 2018-2025 (Million USD)



Figure Global Sialon Market Forecast and CAGR 2018-2025 (Volume) Figure United States Sialon Market Size and CAGR 2013-2017 (Million USD) Figure United States Sialon Market Size and CAGR 2013-2017 (Volume) Figure United States Sialon Market Forecast and CAGR 2018-2025 (Million USD) Figure United States Sialon Market Forecast and CAGR 2018-2025 (Volume) Figure Global Market Sales Revenue Share by Company in 2017 Figure Global Market Sales Volume Share by Company in 2017 Figure United States Market Sales Revenue Share by Company in 2017 Figure United States Market Sales Volume Share by Company in 2017 Figure Global Market Sales Revenue Share by Type in 2017 Figure Global Market Sales Volume Share by Type in 2017 Figure United States Market Sales Revenue Share by Type in 2017 Figure United States Market Sales Volume Share by Type in 2017 Figure Global Market Sales Revenue Share by Application in 2017 Figure Global Market Sales Volume Share by Application in 2017 Figure United States Market Sales Revenue Share by Application in 2017 Figure United States Market Sales Volume Share by Application in 2017 Figure Industry Chain Overview Figure Sialon SWOT List Figure Chemicals & Materials Porter's Five Forces



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