

Global Silicon Precursor Gases (Si Precursors) Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/G3AA6CFFDB94EN.html>

Date: December 2022

Pages: 108

Price: US\$ 4,480.00 (Single User License)

ID: G3AA6CFFDB94EN

Abstracts

Silicon-precursor gases act as a source of silicon atoms for the deposition of polycrystalline silicon, epitaxial silicon, silicon dioxide, and silicon nitride. The most common gases are silane, dichlorosilane, trichlorosilane, and silicon tetrachloride.

This report studies the global Silicon Precursor Gases (Si Precursors) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Precursor Gases (Si Precursors), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Precursor Gases (Si Precursors) that contribute to its increasing demand across many markets.

The global Silicon Precursor Gases (Si Precursors) market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Silicon Precursor Gases (Si Precursors) total production and demand, 2017-2028, (Tons)

Global Silicon Precursor Gases (Si Precursors) total production value, 2017-2028, (USD Million)

Global Silicon Precursor Gases (Si Precursors) production by region & country,

production, value, CAGR, 2017-2028, (USD Million) & (Tons)

Global Silicon Precursor Gases (Si Precursors) consumption by region & country, CAGR, 2017-2028 & (Tons)

U.S. VS China: Silicon Precursor Gases (Si Precursors) domestic production, consumption, key domestic manufacturers and share

Global Silicon Precursor Gases (Si Precursors) production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Tons)

Global Silicon Precursor Gases (Si Precursors) production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Tons)

Global Silicon Precursor Gases (Si Precursors) production by Application production, value, CAGR, 2017-2028, (USD Million) & (Tons)

This reports profiles key players in the global Silicon Precursor Gases (Si Precursors) market based on the following parameters – headquarters, production locations, products portfolio, Silicon Precursor Gases (Si Precursors) revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Precursor Gases (Si Precursors) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Silicon Precursor Gases (Si Precursors) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Silicon Precursor Gases (Si Precursors) Market, Segmentation by Type

Silane (SiH_4)

Dichlorosilane (SiH_2Cl_2)

Trichlorosilane

Silicon Tetrachloride

Disilane (Si_2H_6)

Others

Global Silicon Precursor Gases (Si Precursors) Market, Segmentation by Application

Semiconductors

Photovoltaic Cells

Flat Panel Displays

Others

Companies Profiled:

DuPont

Taiyo Nippon Sanso

SK Materials (SK specialty)

PERIC

Mitsui Chemical

Merck (Versum Materials)

Guangdong Huate Gas

Air Liquide Electronics

Linde plc

Entegris

Key Questions Answered

1. How big is the global Silicon Precursor Gases (Si Precursors) market?
2. What is the demand of the global Silicon Precursor Gases (Si Precursors) market?
3. What is the year over year growth of the global Silicon Precursor Gases (Si Precursors) market?
4. What is the production and production value of the global Silicon Precursor Gases (Si Precursors) market?
5. Who are the key producers in the global Silicon Precursor Gases (Si Precursors) market?
6. What are the growth factors driving the market demand?

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