

Global Disilane for Semiconductor Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Disilane for Semiconductor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Disilane is an inorganic compound with the chemical formula of Si_2H_6 . It is a colorless transparent gas at normal temperature and pressure and has a pungent odor. Ethylsilane is the key material of advanced semiconductor manufacturing process and related advanced process. Compared with the currently used silane, ethane has a higher density of the film, which can greatly improve and improve the smoothness, continuity, good doping compatibility and low deposition temperature of the deposited film, and increase the film forming rate by about 10 times, greatly improve the production efficiency and other advantages. Disilane is used in the micronization process of semiconductors, and when it is deposited to form a thin film, it can quickly form a uniform thin film at a low temperature.

This report studies the global Disilane for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Disilane for Semiconductor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Disilane for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Disilane for Semiconductor total production and demand, 2018-2029, (Tons)

Global Disilane for Semiconductor total production value, 2018-2029, (USD Million)

Global Disilane for Semiconductor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Disilane for Semiconductor consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Disilane for Semiconductor domestic production, consumption, key domestic manufacturers and share

Global Disilane for Semiconductor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Disilane for Semiconductor production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Disilane for Semiconductor production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Disilane for Semiconductor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsui Chemicals, Inc., Air Liquide Electronics, Taiwan Speciality Chemicals Corporation, SK Specialty, Matheson, REC Silicon, Anhui Argosun New Electronic Materials Co., Ltd., Guangdong Huate Gas and Spectrum Materials Corporation Limited., etc.

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 Disilane for Semiconductor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by

manufacturer, by Purity, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Disilane for Semiconductor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Disilane for Semiconductor Market, Segmentation by Purity

6N

7N

Other

Global Disilane for Semiconductor Market, Segmentation by Application

Semiconductor Epitaxy Process

Semiconductor Diffusion Process

Companies Profiled:

Mitsui Chemicals, Inc.

Air Liquide Electronics

Taiwan Speciality Chemicals Corporation

SK Specialty

Matheson

REC Silicon

Anhui Argosun New Electronic Materials Co., Ltd.

Guangdong Huate Gas

Spectrum Materials Corporation Limited.

Xunding Semiconductor Material Technology

Baoding North Special Gases Co.,Ltd

Key Questions Answered

1. How big is the global Disilane for Semiconductor market?
2. What is the demand of the global Disilane for Semiconductor market?
3. What is the year over year growth of the global Disilane for Semiconductor market?
4. What is the production and production value of the global Disilane for Semiconductor market?
5. Who are the key producers in the global Disilane for Semiconductor market?
6. What are the growth factors driving the market demand?

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