

Global Ultra-high Purity Disilane Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GE0BE5AD2A33EN.html>

Date: February 2023

Pages: 114

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

ID: GE0BE5AD2A33EN

Abstracts

The global Ultra-high Purity Disilane 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. This report studies ultra-high purity disilane with purity of 4.5N and above.

This report studies the global Ultra-high Purity Disilane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ultra-high Purity Disilane, 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 Ultra-high Purity Disilane that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ultra-high Purity Disilane total production and demand, 2018-2029, (Tons)

Global Ultra-high Purity Disilane total production value, 2018-2029, (USD Million)

Global Ultra-high Purity Disilane production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Ultra-high Purity Disilane consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Ultra-high Purity Disilane domestic production, consumption, key domestic manufacturers and share

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

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

Global Ultra-high Purity Disilane production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Ultra-high Purity Disilane 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 SIAD, 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 Ultra-high Purity Disilane 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 Ultra-high Purity Disilane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ultra-high Purity Disilane Market, Segmentation by Purity

4.5N

5N

6N

7N

Other

Global Ultra-high Purity Disilane Market, Segmentation by Application

Semiconductor Industry

Solar Energy Industry

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

SIAD

Spectrum Materials Corporation Limited.

Xunding Semiconductor Material Technology

Baoding North Special Gases Co.,Ltd

Key Questions Answered

1. How big is the global Ultra-high Purity Disilane market?
2. What is the demand of the global Ultra-high Purity Disilane market?
3. What is the year over year growth of the global Ultra-high Purity Disilane market?
4. What is the production and production value of the global Ultra-high Purity Disilane

market?

5. Who are the key producers in the global Ultra-high Purity Disilane market?

6. What are the growth factors driving the market demand?

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