

Global Fluorine Gas (F2) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Fluorine Gas (F2) market size is expected to reach \$ 344 million by 2029, rising at a market growth of 2.7% CAGR during the forecast period (2023-2029).

Global key players of fluorine gas (F2) include Linde, Solvay, Air Products, etc. The top three players hold a share about 78%. Asia-Pacific is the largest market, has a share about 64%, followed by Americas and Europe, with share 18% and 17%, separately.

Fluorine is a chemical element with the symbol F and atomic number 9. It is the lightest halogen and exists as a highly toxic pale yellow diatomic gas at standard conditions. As the most electronegative element, it is extremely reactive, as it reacts with almost all other elements, except for helium and neon. Fluorine is a pale-yellow gas with a particularly unpleasant odor. It condenses into a yellow liquid below -188.1°C and yellow crystal at -219.62°C . This report studies gas phase Fluorine, it is used for electronics industry and chemical industry usually. Fluorine is produced by electrolyzing a solution of potassium fluoride in anhydrous hydrogen fluoride. It is used as chemical feedstock for a variety of fluorinated compounds such as sulfur hexafluoride, nitrogen trifluoride, boron trifluoride, tungsten hexafluoride, etc. Fluorine is used for CVD chamber cleaning in semiconductor, LCD, and solar manufacturing. It can be used either thermally or with plasma due to its low decomposition energy. Fluorine has zero GWP; along with cleaning performance, reduced global warming emissions can be a driver for the use.

This report studies the global Fluorine Gas (F2) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Fluorine Gas (F2), 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 Fluorine Gas (F2) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Fluorine Gas (F2) total production and demand, 2018-2029, (MT)

Global Fluorine Gas (F2) total production value, 2018-2029, (USD Million)

Global Fluorine Gas (F2) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global Fluorine Gas (F2) consumption by region & country, CAGR, 2018-2029 & (MT)

U.S. VS China: Fluorine Gas (F2) domestic production, consumption, key domestic manufacturers and share

Global Fluorine Gas (F2) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (MT)

Global Fluorine Gas (F2) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global Fluorine Gas (F2) production by Application production, value, CAGR, 2018-2029, (USD Million) & (MT)

This reports profiles key players in the global Fluorine Gas (F2) 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 Linde, Solvay, Air Products, Kanto Denka, Hyosung Chemical, Zhuoxi Gas and Central Glass, 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 Fluorine Gas (F2) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (USD/Kg) by manufacturer, by Type, 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 Fluorine Gas (F2) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Fluorine Gas (F2) Market, Segmentation by Type

Industrial Grade Fluorine Gas

Electronic Grade Fluorine Gas

Global Fluorine Gas (F2) Market, Segmentation by Application

Electronics Industry

Solar Cells

Chemicals Production

Others

Companies Profiled:

Linde

Solvay

Air Products

Kanto Denka

Hyosung Chemical

Zhuoxi Gas

Central Glass

Key Questions Answered

1. How big is the global Fluorine Gas (F₂) market?
2. What is the demand of the global Fluorine Gas (F₂) market?
3. What is the year over year growth of the global Fluorine Gas (F₂) market?
4. What is the production and production value of the global Fluorine Gas (F₂) market?
5. Who are the key producers in the global Fluorine Gas (F₂) market?
6. What are the growth factors driving the market demand?

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