

Global Hydrogen Fuel Cell Gas Diffusion Layer Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Hydrogen Fuel Cell Gas Diffusion Layer market size is expected to reach \$ 3706.8 million by 2029, rising at a market growth of 28.8% CAGR during the forecast period (2023-2029).

In the global hydrogen fuel cell gas diffusion layer market, the main companies are Toray, Freudenberg and SGL, etc. The top three players have a market share about 62%. Japan is the largest producer of hydrogen fuel cell gas diffusion layer, holds a share around 41%, followed by Europe and North America, with share 35% and 18%, separately. The largest market is Asia-Pacific, holds a share about 47%, followed by North America and Europe, with around 26% and 24% market share respectively.

A gas diffusion layer (GDL) is a main part of a hydrogen fuel cell. It is usually made of woven carbon cloth or non-woven carbon fiber paper. The primary objective of fuel cell GDL is to support the catalyst layer, which provides good mechanical strength, easy gas access to catalyst and enhance the electrical conductivity.

This report studies the global Hydrogen Fuel Cell Gas Diffusion Layer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hydrogen Fuel Cell Gas Diffusion Layer, 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 Hydrogen Fuel Cell Gas Diffusion Layer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hydrogen Fuel Cell Gas Diffusion Layer total production and demand, 2018-2029, (K Sq.m)

Global Hydrogen Fuel Cell Gas Diffusion Layer total production value, 2018-2029, (USD Million)

Global Hydrogen Fuel Cell Gas Diffusion Layer production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Sq.m)

Global Hydrogen Fuel Cell Gas Diffusion Layer consumption by region & country, CAGR, 2018-2029 & (K Sq.m)

U.S. VS China: Hydrogen Fuel Cell Gas Diffusion Layer domestic production, consumption, key domestic manufacturers and share

Global Hydrogen Fuel Cell Gas Diffusion Layer production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Sq.m)

Global Hydrogen Fuel Cell Gas Diffusion Layer production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Sq.m)

Global Hydrogen Fuel Cell Gas Diffusion Layer production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Sq.m).

This reports profiles key players in the global Hydrogen Fuel Cell Gas Diffusion Layer 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 Toray, Freudenberg, SGL, AvCarb, Mitsubishi Chemical Corporation, Teijin, Jntg Co., Fuel Cells Etc and Cetech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Hydrogen Fuel Cell Gas Diffusion Layer market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sq.m) and average price (USD/Sq.m) 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 Hydrogen Fuel Cell Gas Diffusion Layer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hydrogen Fuel Cell Gas Diffusion Layer Market, Segmentation by Type

Carbon Paper Type

Carbon Cloth Type

Global Hydrogen Fuel Cell Gas Diffusion Layer Market, Segmentation by Application

Hydrocarbon Fuels Cell

Hydrogen-oxygen Fuel Cell

Companies Profiled:

Toray

Freudenberg

SGL

AvCarb

Mitsubishi Chemical Corporation

Teijin

Jntg Co.

Fuel Cells Etc

Cetech

General Hydrogen Corp

Key Questions Answered

1. How big is the global Hydrogen Fuel Cell Gas Diffusion Layer market?
2. What is the demand of the global Hydrogen Fuel Cell Gas Diffusion Layer market?
3. What is the year over year growth of the global Hydrogen Fuel Cell Gas Diffusion Layer market?
4. What is the production and production value of the global Hydrogen Fuel Cell Gas Diffusion Layer market?
5. Who are the key producers in the global Hydrogen Fuel Cell Gas Diffusion Layer market?

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