

Global Gas Separation Membranes Market Size study, by Material type (Polyimide & Polyaramide, Polysulfide, and Cellulose Acetate), Application (Nitrogen Generation & Oxygen Enrichment, Carbon Dioxide Removal, and Hydrogen Recovery) and Regional Forecasts 2022-2028

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Abstracts

Global Gas Separation Membranes Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Gas Separation Membranes is used for spitting up the gases. It is used for separating or purifying the aspects of single or multiple gases. The gas is penetrated based on the size, diffusivity, or solubility difference by pumping the membrane module. The increasing demand for biogas has led the adoption of Gas Separation Membranes across the forecast period. For Instance: According to the International Energy Agency in 2020, Biogas and bioenergy are the fastest-growing forms of bioenergy in both the Stated Policies Scenario (STEPS) and the Sustainable Development Scenario (SDS). The overall market share in total modern bioenergy demand grows from 5% today to 12% by 2040 in STEPS and to 20% in SDS. Rising demand for membranes in Carbon-di-oxide separation process enhances the market growth of gas separation membranes. Also, with the development of mixed matrix membrane, the adoption & demand for Gas Separation Membranes is likely to increase the market growth during the forecast period. However, technical disadvantages over other technologies. impedes the growth of the market over the forecast period of 2022-2028.

The geographical regions considered for the Global Gas Separation Membranes Market analysis includes Asia Pacific, North America, Europe, Latin America and Rest of the

World. Asia Pacific is deemed as the significant region across the globe in terms of huge market share due to the increasing industrialization, rising demand for energy-efficient & cost-effective techniques for gas separation etc. Whereas Europe is also estimated to attain maximum growth rate during 2022-2028. Factors such as usage of natural gas processing plants would create beneficial growth forecasts for the Gas Separation Membranes Market.

Major market player included in this report are:

Air Products and Chemicals
Air Liquide Advanced Separations
Ube Industries Ltd.
Honeywell UOP
Fujifilm Manufacturing Europe
B.V.
Schlumberger Ltd.
DIC Corporation
Parker Hannifin Corporation
Membrane Technology and Research
Generon IGS

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Polyimide & Polyaramide,
Polysulfone,
Cellulose Acetate

By Application:

Nitrogen Generation & Oxygen Enrichment
Carbon Dioxide Removal
Hydrogen Recovery

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Gas Separation Membranes Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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