

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) Market 2018, Forecast to 2023**

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## **Abstracts**

Gas Separation Membranes is an interphase between two adjacent phases acting as a selective barrier, regulating the transport of gases among gas mixtures.

Scope of the Report:

This report focuses on the Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Gas Separation Membranes are mainly classified into the following types: Hollow Fiber, Spiral wound, and others. Hollow Fiber is the most widely used type which takes up about 86.89 % of the total in 2016 in Global.

The Gas Separation Membranes average price in global is in the decline trend, from 1152 \$/unit in 2012 to 1019 \$/unit in 2017. The price will be in decline trend if more capacity goes into operation and price of the raw material get reduction in the future. The Gas Separation Membranes sales will reach about 432 K Units in 2016 from 376 K Units in 2012 in global, with the CAGR of 3.51%.

USA is the largest consumption countries of Gas Separation Membranes in the world in the past few years and it will keep the same position in the next few years, the market share of the USA is about 37% in 2016, followed by Europe (33%), China (14%) and

Japan (9%).

USA, Germany, France, Japan and China are now the key producers in the world, while USA is the largest with the share more than 50%. There are some producer manufacturing Gas Separation Membranes in China, such as Tianbang, SSS, etc. and some abroad companies, e.g. IGS, have plants in China, too.

Air Products, Air Liquide, UBE, Grasys, Evonik, Schlumberger, IGS, Honeywell, and MTR are the key suppliers in global market. Top 3 took up about 64% of the global production in 2016. Air Products, Air Liquide, UBE, which have leading technology and market position, are well-known suppliers all around the world.

The worldwide market for Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) is expected to grow at a CAGR of roughly 0.9% over the next five years, will reach 23 million US\$ in 2023, from 22 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Air Products

Air Liquide

UBE

Grasys

Evonik

Schlumberger

IGS

Honeywell

MTR

Borsig

Parker Hannifin

Tianbang

SSS

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Hollow Fiber

Spiral Wound

Others

Market Segment by Applications, can be divided into

Isolation of Inert N<sub>2</sub> from Air

H<sub>2</sub> Recovery

CO<sub>2</sub> Removal from Natural Gas

Vapor/Nitrogen Separation

## Other Applications

There are 15 Chapters to deeply display the global Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) market.

Chapter 1, to describe Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane), with sales, revenue, and price of Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Polymeric Membrane for Separation (Gas Separation Membranes; Polymer Gas Separation Membrane) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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