

Global Polymeric Membrane for Separation Market Report 2016 Edition

<https://marketpublishers.com/r/G37BD9E9776EN.html>

Date: January 2017

Pages: 117

Price: US\$ 2,800.00 (Single User License)

ID: G37BD9E9776EN

Abstracts

Gas mixtures can be effectively separated by synthetic membranes made from polymers such as polyamide or cellulose acetate, or from ceramic materials. Membranes can be used for separating gas mixtures where they act as a permeable barrier through which different compounds move across at different rates or not move at all. The membranes can be nanoporous, polymer, etc. and the gas molecules penetrate according to their size, diffusivity, or solubility.

Since the first large industrial application of Prism membranes by Permea (Monsanto, now Air Products) for hydrogen separation from the purge gas stream of ammonia plants, membrane-based gas separation (GS) has grown exponentially. Membrane units do not require a phase change and have relatively small footprints, being smaller than conventional systems such as amine stripping towers. The lack of mechanical complexity in membrane systems is another advantage and their modularity allows an easy scale-up and results in a significant flexibility. Membrane devices for gas separation usually operate under continuous steady-state conditions. They are of special interest to chemical companies, industrial gas suppliers, petroleum producers and refiners. Several applications have achieved commercial success: nitrogen production from air, hydrogen removal from ammonia purge gas, carbon dioxide removal from natural gas and in enhanced oil recovery.

The global gas separation membrane production, which measures output worldwide, was expected to reach xx units in 2016 with an increase of xx% from its year-earlier level. The global gas separation membrane market size is estimated to grow from USD xx million in 2011 to USD xx million by 2016, at an estimated CAGR of xx% between 2011 and 2016. With regards to this, key players of gas separation membrane industry are expected to find potential opportunities in this market.

The global gas separation membrane market report profiles some of the key technological developments in the recent times. It also profiles some of the leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global gas separation membrane market are Air Products, Air Liquide, UBE, IGS, Honeywell, Parker Hannifin, Schlumberger, MTR, Borsig, Tianbang, etc.

The global gas separation membrane industry is relatively concentrated, with the market share of Top 10 gas separation membrane producers at xx%.

Contents

PREFACE

PART 1. EXCLUSIVE SUMMARY

PART 2. METHODOLOGY

- 2.1 Research Methodology
- 2.2 Geographic Scope
- 2.3 Years Considered

PART 3. INTRODUCTION

- 3.1 Definition
- 3.2 Principle of Membrane Technology
- 3.3 Membrane Materials
 - 3.3.1 Polymeric Membranes
 - 3.3.2 Inorganic Membranes
 - 3.3.3 Mixed Matrix Membranes
- 3.4 Value Chain Structure
 - 3.4.1 Polysulfone
 - 3.4.2 Polyimide
 - 3.4.3 Membrane Fabrication

PART 4. MARKET LANDSCAPE

- 4.1 Global Polymeric Gas Separation Membrane Market Size (Volume) 2011-2016
 - 4.1.1 Overview
 - 4.1.2 Global Polymeric Gas Separation Membrane Production
 - 4.1.3 Top 10 Polymeric Gas Separation Membrane Companies (Volume Share)
- 4.2 Global Polymeric Gas Separation Membrane Market Size (Value) 2011-2016
 - 4.2.1 Overview
 - 4.2.2 Global Polymeric Gas Separation Membrane Production Value
 - 4.2.3 Top 10 Polymeric Gas Separation Membrane Companies (Revenue Share)

PART 5. SEGMENTATION BY PRODUCTS

- 5.1 Spiral Wound

5.2 Hollow Fiber

PART 6. SEGMENTATION BY END-USERS

6.1 Nitrogen

6.2 Hydrogen

6.3 Natural Gas

6.4 Biogas

PART 7. GEOGRAPHICAL SEGMENTATION

7.1 North America Polymeric Gas Separation Membrane Market

7.1.1 North America Market Overview

7.1.2 North America Price

7.1.3 North America Trade Balance

7.2 EMEA Polymeric Gas Separation Membrane Market

7.2.1 EMEA Market Overview

7.2.2 EMEA Price

7.2.3 EMEA Trade Balance

7.3 Asia Pacific Polymeric Gas Separation Membrane Market

7.3.1 Asia Pacific Market Overview

7.3.2 Asia Pacific Price

7.3.3 Asia Pacific Trade Balance

PART 8. MARKET FORECAST

8.1 Market Size by Volume 2016-2021

8.1.1 North America

8.1.2 EMEA

8.1.3 Asia-Pacific

8.2 Market Size by Value 2016-2021

8.2.1 North America

8.2.2 EMEA

8.2.3 Asia-Pacific

8.3 Regional Consumption Forecast

8.3.1 North America

8.3.2 EMEA

8.3.3 Asia-Pacific

8.4 Consumption Forecast by End-users

8.5 Market Forecast by Products

PART 9. COMPANY PROFILES

9.1 IGS (USA)

- 9.1.1 Business Overview
- 9.1.2 Products Offered
- 9.1.3 Business Performance

9.2 Parker Hannifin (USA)

- 9.2.1 Business Overview
- 9.2.2 Products Offered
- 9.2.3 Business Performance

9.3 Honeywell (USA)

- 9.3.1 Business Overview
- 9.3.2 Products Offered
- 9.3.3 Business Performance

9.4 MTR (USA)

- 9.4.1 Business Overview
- 9.4.2 Products Offered
- 9.4.3 Business Performance

9.5 Schlumberger (USA)

- 9.5.1 Business Overview
- 9.5.2 Products Offered
- 9.5.3 Business Performance

9.6 Air Liquide (France)

- 9.6.1 Business Overview
- 9.6.2 Products Offered
- 9.6.3 Business Performance

9.7 Evonik (Germany)

- 9.7.1 Business Overview
- 9.7.2 Products Offered
- 9.7.3 Business Performance

9.8 Borsig (Germany)

- 9.8.1 Business Overview
- 9.8.2 Products Offered
- 9.8.3 Business Performance

9.9 Air Products (USA)

- 9.9.1 Business Overview
- 9.9.2 Products Offered

- 9.9.3 Business Performance
- 9.10 Fuji Film (Japan)
 - 9.10.1 Business Overview
 - 9.10.2 Products Offered
 - 9.10.3 Business Performance
- 9.11 DIC (Japan)
 - 9.11.1 Business Overview
 - 9.11.2 Products Offered
 - 9.11.3 Business Performance
- 9.12 UBE (Japan)
 - 9.12.1 Business Overview
 - 9.12.2 Products Offered
 - 9.12.3 Business Performance
- 9.13 Tianbang (China)
 - 9.13.1 Business Overview
 - 9.13.2 Products Offered
 - 9.13.3 Business Performance
- 9.14 SSS (China)
 - 9.14.1 Business Overview
 - 9.14.2 Products Offered
 - 9.14.3 Business Performance

PART 10. MARKET DYNAMICS

- 10.1 Market Drivers
 - 10.1.1 Upswing in Demand
 - 10.1.2 Transition towards Membrane Separation
 - 10.1.3 Emerging Economies
- 10.2 Market Constraints
 - 10.2.1 Entry Barriers
 - 10.2.2 Rising Labor Costs
 - 10.2.3 Exchange Rate
- 10.3 Market Strategies

PART 11. COMPETITIVE LANDSCAPE

- 11.1 Mergers & Acquisitions
- 11.2 New Product Launches
- 11.3 Expansions

11.4 Other Developments

PART 12. APPENDIX

12.1 Abbreviations

12.2 12. Disclaimer

12.3 12. Analyst(s) Certification

I would like to order

Product name: Global Polymeric Membrane for Separation Market Report 2016 Edition

Product link: <https://marketpublishers.com/r/G37BD9E9776EN.html>

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G37BD9E9776EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970