

2018-2023 Global Ion Selective Permeable Membrane Consumption Market Report

<https://marketpublishers.com/r/2E9F2163621EN.html>

Date: June 2018

Pages: 136

Price: US\$ 4,660.00 (Single User License)

ID: 2E9F2163621EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Ion Selective Permeable Membrane market for 2018-2023.

Ion-exchange membranes transport dissolved ions across a conductive polymeric membrane. The membranes are often used in desalination and chemical recovery applications, moving ions from one solution to another with little passage of water. Ion-exchange membranes are made of a polymeric material attached to charged ion groups. Anion-exchange membranes contain fixed cationic groups with predominantly mobile anions; because anions are the majority species, most of the conductivity is due to anion transport. Cation-exchange membranes contain fixed anionic groups with predominantly mobile cations; because cations are the majority species, most of the conductivity is due to cation transport.

The permselectivity of ion-exchange membranes describes their charge selectivity. This charge selectivity reflects the membrane's ability to discriminate between ions of opposite charge. A higher selectivity leads to increased recovery and performance of the membrane.

The market is driven by various end-user industries, such as chlor-alkali processing, energy, water treatment and other industries. The consumption volume market share of Ion Exchange Membrane in chlor-alkali processing is about 89.67% in 2016.

The industry is high concentration, the key brands include Du Pont, Asahi Kasei, Asahi Glass, Solvay, Dongyue Group and so on. These players occupied about 96.06% revenue market share in 2016.

The industry is expected to remain innovation-led, with acquisitions and strategic

alliances adopted as the key strategies by the players to increase their industry presence. Market stays in mature period with a clear concentration. There hardly to have obvious technology breakthrough except deeper system function integration. Meanwhile, optimize product mix and further develop value-added capabilities to maximize margins. Manufacturers can take advantage of this situation by reinforcing their production units and supply-chains to avoid any delay in production turn-around-times (TAT) and supply-lead-times.

All manufactures in the world are committed to the improvement of product. These two years, some of Chinese manufactures can almost catch up with the world's leading technology too. Most technologies are developed by the manufacturers instead of importing from other companies.

Price in North America is much higher than that of China and other developing countries due to their high quality and powerful functionalities. Developing countries such as China and India is more likely to attract more investment opportunity for their potential demand.

Based on types, the global Ion Exchange Membrane market is segmented into perfluorosulfonic acid ion exchange membrane, perfluorocarboxylic acid ion exchange membrane and others (e.g: hydrocarbonmembranes). The perfluorosulfonic acid ion exchange membrane occupied about 84.84% revenue market share in 2016.

Over the next five years, LPI(LP Information) projects that Ion Selective Permeable Membrane will register a 4.9% CAGR in terms of revenue, reach US\$ 1000 million by 2023, from US\$ 750 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Ion Selective Permeable Membrane market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Perfluorosulfonic Acid Ion Exchange Membrane

Perfluorocarboxylic Acid Ion Exchange Membrane

Others

Segmentation by application:

Chlor-alkali Processing

Energy

Water Treatment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

DuPont

Asahi Kasei

Asahi Glass

Solvay

Dongyue Group

Fujifilm

FUMATECH BWT GmbH

ASTOM Corporation

Saltworks Technologies

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Ion Selective Permeable Membrane consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Ion Selective Permeable Membrane market by identifying its various subsegments.

Focuses on the key global Ion Selective Permeable Membrane manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Ion Selective Permeable Membrane with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Ion Selective Permeable Membrane submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new

product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Ion Selective Permeable Membrane Consumption 2013-2023
 - 2.1.2 Ion Selective Permeable Membrane Consumption CAGR by Region
- 2.2 Ion Selective Permeable Membrane Segment by Type
 - 2.2.1 Perfluorosulfonic Acid Ion Exchange Membrane
 - 2.2.2 Perfluorocarboxylic Acid Ion Exchange Membrane
 - 2.2.3 Others
- 2.3 Ion Selective Permeable Membrane Consumption by Type
 - 2.3.1 Global Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)
 - 2.3.2 Global Ion Selective Permeable Membrane Revenue and Market Share by Type (2013-2018)
 - 2.3.3 Global Ion Selective Permeable Membrane Sale Price by Type (2013-2018)
- 2.4 Ion Selective Permeable Membrane Segment by Application
 - 2.4.1 Chlor-alkali Processing
 - 2.4.2 Energy
 - 2.4.3 Water Treatment
 - 2.4.4 Others
- 2.5 Ion Selective Permeable Membrane Consumption by Application
 - 2.5.1 Global Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)
 - 2.5.2 Global Ion Selective Permeable Membrane Value and Market Share by Application (2013-2018)
 - 2.5.3 Global Ion Selective Permeable Membrane Sale Price by Application (2013-2018)

3 GLOBAL ION SELECTIVE PERMEABLE MEMBRANE BY PLAYERS

3.1 Global Ion Selective Permeable Membrane Sales Market Share by Players

3.1.1 Global Ion Selective Permeable Membrane Sales by Players (2016-2018)

3.1.2 Global Ion Selective Permeable Membrane Sales Market Share by Players (2016-2018)

3.2 Global Ion Selective Permeable Membrane Revenue Market Share by Players

3.2.1 Global Ion Selective Permeable Membrane Revenue by Players (2016-2018)

3.2.2 Global Ion Selective Permeable Membrane Revenue Market Share by Players (2016-2018)

3.3 Global Ion Selective Permeable Membrane Sale Price by Players

3.4 Global Ion Selective Permeable Membrane Manufacturing Base Distribution, Sales Area, Product Types by Players

3.4.1 Global Ion Selective Permeable Membrane Manufacturing Base Distribution and Sales Area by Players

3.4.2 Players Ion Selective Permeable Membrane Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 ION SELECTIVE PERMEABLE MEMBRANE BY REGIONS

4.1 Ion Selective Permeable Membrane by Regions

4.1.1 Global Ion Selective Permeable Membrane Consumption by Regions

4.1.2 Global Ion Selective Permeable Membrane Value by Regions

4.2 Americas Ion Selective Permeable Membrane Consumption Growth

4.3 APAC Ion Selective Permeable Membrane Consumption Growth

4.4 Europe Ion Selective Permeable Membrane Consumption Growth

4.5 Middle East & Africa Ion Selective Permeable Membrane Consumption Growth

5 AMERICAS

5.1 Americas Ion Selective Permeable Membrane Consumption by Countries

5.1.1 Americas Ion Selective Permeable Membrane Consumption by Countries (2013-2018)

5.1.2 Americas Ion Selective Permeable Membrane Value by Countries (2013-2018)

5.2 Americas Ion Selective Permeable Membrane Consumption by Type

- 5.3 Americas Ion Selective Permeable Membrane Consumption by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Key Economic Indicators of Few Americas Countries

6 APAC

- 6.1 APAC Ion Selective Permeable Membrane Consumption by Countries
 - 6.1.1 APAC Ion Selective Permeable Membrane Consumption by Countries (2013-2018)
 - 6.1.2 APAC Ion Selective Permeable Membrane Value by Countries (2013-2018)
- 6.2 APAC Ion Selective Permeable Membrane Consumption by Type
- 6.3 APAC Ion Selective Permeable Membrane Consumption by Application
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 Key Economic Indicators of Few APAC Countries

7 EUROPE

- 7.1 Europe Ion Selective Permeable Membrane by Countries
 - 7.1.1 Europe Ion Selective Permeable Membrane Consumption by Countries (2013-2018)
 - 7.1.2 Europe Ion Selective Permeable Membrane Value by Countries (2013-2018)
- 7.2 Europe Ion Selective Permeable Membrane Consumption by Type
- 7.3 Europe Ion Selective Permeable Membrane Consumption by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia
- 7.9 Spain
- 7.10 Key Economic Indicators of Few Europe Countries

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Ion Selective Permeable Membrane by Countries

8.1.1 Middle East & Africa Ion Selective Permeable Membrane Consumption by Countries (2013-2018)

8.1.2 Middle East & Africa Ion Selective Permeable Membrane Value by Countries (2013-2018)

8.2 Middle East & Africa Ion Selective Permeable Membrane Consumption by Type

8.3 Middle East & Africa Ion Selective Permeable Membrane Consumption by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers and Impact

9.1.1 Growing Demand from Key Regions

9.1.2 Growing Demand from Key Applications and Potential Industries

9.2 Market Challenges and Impact

9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

10.1 Sales Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.2 Ion Selective Permeable Membrane Distributors

10.3 Ion Selective Permeable Membrane Customer

11 GLOBAL ION SELECTIVE PERMEABLE MEMBRANE MARKET FORECAST

11.1 Global Ion Selective Permeable Membrane Consumption Forecast (2018-2023)

11.2 Global Ion Selective Permeable Membrane Forecast by Regions

11.2.1 Global Ion Selective Permeable Membrane Forecast by Regions (2018-2023)

11.2.2 Global Ion Selective Permeable Membrane Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

- 11.2.4 APAC Consumption Forecast
- 11.2.5 Europe Consumption Forecast
- 11.2.6 Middle East & Africa Consumption Forecast
- 11.3 Americas Forecast by Countries
 - 11.3.1 United States Market Forecast
 - 11.3.2 Canada Market Forecast
 - 11.3.3 Mexico Market Forecast
 - 11.3.4 Brazil Market Forecast
- 11.4 APAC Forecast by Countries
 - 11.4.1 China Market Forecast
 - 11.4.2 Japan Market Forecast
 - 11.4.3 Korea Market Forecast
 - 11.4.4 Southeast Asia Market Forecast
 - 11.4.5 India Market Forecast
 - 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
 - 11.5.1 Germany Market Forecast
 - 11.5.2 France Market Forecast
 - 11.5.3 UK Market Forecast
 - 11.5.4 Italy Market Forecast
 - 11.5.5 Russia Market Forecast
 - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
 - 11.6.1 Egypt Market Forecast
 - 11.6.2 South Africa Market Forecast
 - 11.6.3 Israel Market Forecast
 - 11.6.4 Turkey Market Forecast
 - 11.6.5 GCC Countries Market Forecast
- 11.7 Global Ion Selective Permeable Membrane Forecast by Type
- 11.8 Global Ion Selective Permeable Membrane Forecast by Application

12 KEY PLAYERS ANALYSIS

- 12.1 DuPont
 - 12.1.1 Company Details
 - 12.1.2 Ion Selective Permeable Membrane Product Offered
 - 12.1.3 DuPont Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.1.4 Main Business Overview

- 12.1.5 DuPont News
- 12.2 Asahi Kasei
 - 12.2.1 Company Details
 - 12.2.2 Ion Selective Permeable Membrane Product Offered
 - 12.2.3 Asahi Kasei Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.2.4 Main Business Overview
 - 12.2.5 Asahi Kasei News
- 12.3 Asahi Glass
 - 12.3.1 Company Details
 - 12.3.2 Ion Selective Permeable Membrane Product Offered
 - 12.3.3 Asahi Glass Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.3.4 Main Business Overview
 - 12.3.5 Asahi Glass News
- 12.4 Solvay
 - 12.4.1 Company Details
 - 12.4.2 Ion Selective Permeable Membrane Product Offered
 - 12.4.3 Solvay Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.4.4 Main Business Overview
 - 12.4.5 Solvay News
- 12.5 Dongyue Group
 - 12.5.1 Company Details
 - 12.5.2 Ion Selective Permeable Membrane Product Offered
 - 12.5.3 Dongyue Group Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.5.4 Main Business Overview
 - 12.5.5 Dongyue Group News
- 12.6 Fujifilm
 - 12.6.1 Company Details
 - 12.6.2 Ion Selective Permeable Membrane Product Offered
 - 12.6.3 Fujifilm Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.6.4 Main Business Overview
 - 12.6.5 Fujifilm News
- 12.7 FUMATECH BWT GmbH
 - 12.7.1 Company Details
 - 12.7.2 Ion Selective Permeable Membrane Product Offered

12.7.3 FUMATECH BWT GmbH Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

12.7.4 Main Business Overview

12.7.5 FUMATECH BWT GmbH News

12.8 ASTOM Corporation

12.8.1 Company Details

12.8.2 Ion Selective Permeable Membrane Product Offered

12.8.3 ASTOM Corporation Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

12.8.4 Main Business Overview

12.8.5 ASTOM Corporation News

12.9 Saltworks Technologies

12.9.1 Company Details

12.9.2 Ion Selective Permeable Membrane Product Offered

12.9.3 Saltworks Technologies Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

12.9.4 Main Business Overview

12.9.5 Saltworks Technologies News

13 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES AND FIGURES

- Figure Picture of Ion Selective Permeable Membrane
- Table Product Specifications of Ion Selective Permeable Membrane
- Figure Ion Selective Permeable Membrane Report Years Considered
- Figure Market Research Methodology
- Figure Global Ion Selective Permeable Membrane Consumption Growth Rate 2013-2023 (K sqm)
- Figure Global Ion Selective Permeable Membrane Value Growth Rate 2013-2023 (\$ Millions)
- Table Ion Selective Permeable Membrane Consumption CAGR by Region 2013-2023 (\$ Millions)
- Figure Product Picture of Perfluorosulfonic Acid Ion Exchange Membrane
- Table Major Players of Perfluorosulfonic Acid Ion Exchange Membrane
- Figure Product Picture of Perfluorocarboxylic Acid Ion Exchange Membrane
- Table Major Players of Perfluorocarboxylic Acid Ion Exchange Membrane
- Figure Product Picture of Others
- Table Major Players of Others
- Table Global Consumption Sales by Type (2013-2018)
- Table Global Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)
- Figure Global Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)
- Table Global Ion Selective Permeable Membrane Revenue by Type (2013-2018) (\$ million)
- Table Global Ion Selective Permeable Membrane Value Market Share by Type (2013-2018) (\$ Millions)
- Figure Global Ion Selective Permeable Membrane Value Market Share by Type (2013-2018)
- Table Global Ion Selective Permeable Membrane Sale Price by Type (2013-2018)
- Figure Ion Selective Permeable Membrane Consumed in Chlor-alkali Processing
- Figure Global Ion Selective Permeable Membrane Market: Chlor-alkali Processing (2013-2018) (K sqm)
- Figure Global Ion Selective Permeable Membrane Market: Chlor-alkali Processing (2013-2018) (\$ Millions)
- Figure Global Chlor-alkali Processing YoY Growth (\$ Millions)
- Figure Ion Selective Permeable Membrane Consumed in Energy

Figure Global Ion Selective Permeable Membrane Market: Energy (2013-2018) (K sqm)

Figure Global Ion Selective Permeable Membrane Market: Energy (2013-2018) (\$ Millions)

Figure Global Energy YoY Growth (\$ Millions)

Figure Ion Selective Permeable Membrane Consumed in Water Treatment

Figure Global Ion Selective Permeable Membrane Market: Water Treatment (2013-2018) (K sqm)

Figure Global Ion Selective Permeable Membrane Market: Water Treatment (2013-2018) (\$ Millions)

Figure Global Water Treatment YoY Growth (\$ Millions)

Figure Ion Selective Permeable Membrane Consumed in Others

Figure Global Ion Selective Permeable Membrane Market: Others (2013-2018) (K sqm)

Figure Global Ion Selective Permeable Membrane Market: Others (2013-2018) (\$ Millions)

Figure Global Others YoY Growth (\$ Millions)

Table Global Consumption Sales by Application (2013-2018)

Table Global Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Figure Global Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Table Global Ion Selective Permeable Membrane Value by Application (2013-2018)

Table Global Ion Selective Permeable Membrane Value Market Share by Application (2013-2018)

Figure Global Ion Selective Permeable Membrane Value Market Share by Application (2013-2018)

Table Global Ion Selective Permeable Membrane Sale Price by Application (2013-2018)

Table Global Ion Selective Permeable Membrane Sales by Players (2016-2018) (K sqm)

Table Global Ion Selective Permeable Membrane Sales Market Share by Players (2016-2018)

Figure Global Ion Selective Permeable Membrane Sales Market Share by Players in 2016

Figure Global Ion Selective Permeable Membrane Sales Market Share by Players in 2017

Table Global Ion Selective Permeable Membrane Revenue by Players (2016-2018) (\$ Millions)

Table Global Ion Selective Permeable Membrane Revenue Market Share by Players (2016-2018)

Figure Global Ion Selective Permeable Membrane Revenue Market Share by Players in

2016

Figure Global Ion Selective Permeable Membrane Revenue Market Share by Players in 2017

Table Global Ion Selective Permeable Membrane Sale Price by Players (2016-2018)

Figure Global Ion Selective Permeable Membrane Sale Price by Players in 2017

Table Global Ion Selective Permeable Membrane Manufacturing Base Distribution and Sales Area by Players

Table Players Ion Selective Permeable Membrane Products Offered

Table Ion Selective Permeable Membrane Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

Table Global Ion Selective Permeable Membrane Consumption by Regions 2013-2018 (K sqm)

Table Global Ion Selective Permeable Membrane Consumption Market Share by Regions 2013-2018

Figure Global Ion Selective Permeable Membrane Consumption Market Share by Regions 2013-2018

Table Global Ion Selective Permeable Membrane Value by Regions 2013-2018 (\$ Millions)

Table Global Ion Selective Permeable Membrane Value Market Share by Regions 2013-2018

Figure Global Ion Selective Permeable Membrane Value Market Share by Regions 2013-2018

Figure Americas Ion Selective Permeable Membrane Consumption 2013-2018 (K sqm)

Figure Americas Ion Selective Permeable Membrane Value 2013-2018 (\$ Millions)

Figure APAC Ion Selective Permeable Membrane Consumption 2013-2018 (K sqm)

Figure APAC Ion Selective Permeable Membrane Value 2013-2018 (\$ Millions)

Figure Europe Ion Selective Permeable Membrane Consumption 2013-2018 (K sqm)

Figure Europe Ion Selective Permeable Membrane Value 2013-2018 (\$ Millions)

Figure Middle East & Africa Ion Selective Permeable Membrane Consumption 2013-2018 (K sqm)

Figure Middle East & Africa Ion Selective Permeable Membrane Value 2013-2018 (\$ Millions)

Table Americas Ion Selective Permeable Membrane Consumption by Countries (2013-2018) (K sqm)

Table Americas Ion Selective Permeable Membrane Consumption Market Share by Countries (2013-2018)

Figure Americas Ion Selective Permeable Membrane Consumption Market Share by Countries in 2017

Table Americas Ion Selective Permeable Membrane Value by Countries (2013-2018) (\$

Millions)

Table Americas Ion Selective Permeable Membrane Value Market Share by Countries (2013-2018)

Figure Americas Ion Selective Permeable Membrane Value Market Share by Countries in 2017

Table Americas Ion Selective Permeable Membrane Consumption by Type (2013-2018) (K sqm)

Table Americas Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)

Figure Americas Ion Selective Permeable Membrane Consumption Market Share by Type in 2017

Table Americas Ion Selective Permeable Membrane Consumption by Application (2013-2018) (K sqm)

Table Americas Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Figure Americas Ion Selective Permeable Membrane Consumption Market Share by Application in 2017

Figure United States Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure United States Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Canada Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Canada Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Mexico Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Mexico Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Table APAC Ion Selective Permeable Membrane Consumption by Countries (2013-2018) (K sqm)

Table APAC Ion Selective Permeable Membrane Consumption Market Share by Countries (2013-2018)

Figure APAC Ion Selective Permeable Membrane Consumption Market Share by Countries in 2017

Table APAC Ion Selective Permeable Membrane Value by Countries (2013-2018) (\$ Millions)

Table APAC Ion Selective Permeable Membrane Value Market Share by Countries (2013-2018)

Figure APAC Ion Selective Permeable Membrane Value Market Share by Countries in

2017

Table APAC Ion Selective Permeable Membrane Consumption by Type (2013-2018) (K sqm)

Table APAC Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)

Figure APAC Ion Selective Permeable Membrane Consumption Market Share by Type in 2017

Table APAC Ion Selective Permeable Membrane Consumption by Application (2013-2018) (K sqm)

Table APAC Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Figure APAC Ion Selective Permeable Membrane Consumption Market Share by Application in 2017

Figure China Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure China Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Japan Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Japan Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Korea Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Korea Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Southeast Asia Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Southeast Asia Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure India Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure India Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Australia Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Australia Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Table Europe Ion Selective Permeable Membrane Consumption by Countries (2013-2018) (K sqm)

Table Europe Ion Selective Permeable Membrane Consumption Market Share by Countries (2013-2018)

Figure Europe Ion Selective Permeable Membrane Consumption Market Share by Countries in 2017

Table Europe Ion Selective Permeable Membrane Value by Countries (2013-2018) (\$ Millions)

Table Europe Ion Selective Permeable Membrane Value Market Share by Countries (2013-2018)

Figure Europe Ion Selective Permeable Membrane Value Market Share by Countries in 2017

Table Europe Ion Selective Permeable Membrane Consumption by Type (2013-2018) (K sqm)

Table Europe Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)

Figure Europe Ion Selective Permeable Membrane Consumption Market Share by Type in 2017

Table Europe Ion Selective Permeable Membrane Consumption by Application (2013-2018) (K sqm)

Table Europe Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Figure Europe Ion Selective Permeable Membrane Consumption Market Share by Application in 2017

Figure Germany Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Germany Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure France Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure France Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure UK Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure UK Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Italy Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Italy Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Russia Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Russia Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Spain Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Spain Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Table Middle East & Africa Ion Selective Permeable Membrane Consumption by Countries (2013-2018) (K sqm)

Table Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Countries (2013-2018)

Figure Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Countries in 2017

Table Middle East & Africa Ion Selective Permeable Membrane Value by Countries (2013-2018) (\$ Millions)

Table Middle East & Africa Ion Selective Permeable Membrane Value Market Share by Countries (2013-2018)

Figure Middle East & Africa Ion Selective Permeable Membrane Value Market Share by Countries in 2017

Table Middle East & Africa Ion Selective Permeable Membrane Consumption by Type (2013-2018) (K sqm)

Table Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Type (2013-2018)

Figure Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Type in 2017

Table Middle East & Africa Ion Selective Permeable Membrane Consumption by Application (2013-2018) (K sqm)

Table Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Application (2013-2018)

Figure Middle East & Africa Ion Selective Permeable Membrane Consumption Market Share by Application in 2017

Figure Egypt Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Egypt Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure South Africa Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure South Africa Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Israel Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Israel Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure Turkey Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure Turkey Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Figure GCC Countries Ion Selective Permeable Membrane Consumption Growth 2013-2018 (K sqm)

Figure GCC Countries Ion Selective Permeable Membrane Value Growth 2013-2018 (\$ Millions)

Table Ion Selective Permeable Membrane Distributors List

Table Ion Selective Permeable Membrane Customer List

Figure Global Ion Selective Permeable Membrane Consumption Growth Rate Forecast (2018-2023) (K sqm)

Figure Global Ion Selective Permeable Membrane Value Growth Rate Forecast (2018-2023) (\$ Millions)

Table Global Ion Selective Permeable Membrane Consumption Forecast by Countries (2018-2023) (K sqm)

Table Global Ion Selective Permeable Membrane Consumption Market Forecast by Regions

Table Global Ion Selective Permeable Membrane Value Forecast by Countries (2018-2023) (\$ Millions)

Table Global Ion Selective Permeable Membrane Value Market Share Forecast by Regions

Figure Americas Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Americas Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure APAC Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure APAC Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Europe Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Europe Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Middle East & Africa Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Middle East & Africa Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure United States Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure United States Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Canada Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Canada Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Mexico Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Mexico Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Brazil Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Brazil Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure China Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure China Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Japan Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Japan Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Korea Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Korea Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Southeast Asia Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Southeast Asia Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure India Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure India Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Australia Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Australia Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Germany Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Germany Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure France Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure France Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure UK Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure UK Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Italy Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Italy Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Russia Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Russia Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Spain Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Spain Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Egypt Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Egypt Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure South Africa Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure South Africa Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Israel Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Israel Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure Turkey Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure Turkey Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Figure GCC Countries Ion Selective Permeable Membrane Consumption 2018-2023 (K sqm)

Figure GCC Countries Ion Selective Permeable Membrane Value 2018-2023 (\$ Millions)

Table Global Ion Selective Permeable Membrane Consumption Forecast by Type (2018-2023) (K sqm)

Table Global Ion Selective Permeable Membrane Consumption Market Share Forecast by Type (2018-2023)

Table Global Ion Selective Permeable Membrane Value Forecast by Type (2018-2023) (\$ Millions)

Table Global Ion Selective Permeable Membrane Value Market Share Forecast by Type (2018-2023)

Table Global Ion Selective Permeable Membrane Consumption Forecast by Application (2018-2023) (K sqm)

Table Global Ion Selective Permeable Membrane Consumption Market Share Forecast by Application (2018-2023)

Table Global Ion Selective Permeable Membrane Value Forecast by Application (2018-2023) (\$ Millions)

Table Global Ion Selective Permeable Membrane Value Market Share Forecast by Application (2018-2023)

Table DuPont Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table DuPont Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure DuPont Ion Selective Permeable Membrane Market Share (2016-2018)

Table Asahi Kasei Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Asahi Kasei Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Asahi Kasei Ion Selective Permeable Membrane Market Share (2016-2018)

Table Asahi Glass Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Asahi Glass Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Asahi Glass Ion Selective Permeable Membrane Market Share (2016-2018)

Table Solvay Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Solvay Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Solvay Ion Selective Permeable Membrane Market Share (2016-2018)

Table Dongyue Group Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Dongyue Group Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Dongyue Group Ion Selective Permeable Membrane Market Share (2016-2018)

Table Fujifilm Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Fujifilm Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Fujifilm Ion Selective Permeable Membrane Market Share (2016-2018)

Table FUMATECH BWT GmbH Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table FUMATECH BWT GmbH Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure FUMATECH BWT GmbH Ion Selective Permeable Membrane Market Share (2016-2018)

Table ASTOM Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ASTOM Corporation Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure ASTOM Corporation Ion Selective Permeable Membrane Market Share (2016-2018)

Table Saltworks Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Saltworks Technologies Ion Selective Permeable Membrane Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Saltworks Technologies Ion Selective Permeable Membrane Market Share (2016-2018)

I would like to order

Product name: 2018-2023 Global Ion Selective Permeable Membrane Consumption Market Report

Product link: <https://marketpublishers.com/r/2E9F2163621EN.html>

Price: US\$ 4,660.00 (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/2E9F2163621EN.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