

2018 Top 5 Ion Selective Permeable Membrane Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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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 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 studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

DuPont

Asahi Kasei

Asahi Glass

Solvay

Dongyue Group

Fujifilm

FUMATECH BWT GmbH

ASTOM Corporation

Saltworks Technologies

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Perfluorosulfonic Acid Ion Exchange Membrane

Perfluorocarboxylic Acid Ion Exchange Membrane

Others

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Chlor-alkali Processing

Energy

Water Treatment

Others

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