

## **Ion Exchange Membrane Market Report and Forecast 2025-2034**

Market Report | 2025-07-28 | 155 pages | EMR Inc.

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### **Report description:**

The global ion exchange membrane market is expected to grow at a CAGR of 3.60% in the forecast period of 2025-2034.

The Inorganic Membrane Segment to Hold a Significant Share in the Global Ion Exchange Membrane Industry

The inorganic membrane segment based on material accounts for a significant share in the market. This can be attributed to the ability of the membrane to resist harsh chemical cleaning, high temperature and wear resistance, great chemical stability, high life span, and autoclavability. Over the forecast period, the rising demand for inorganic membranes in water treatment and desalination applications is likely to be a major factor driving the market growth.

The Asia Pacific Accounts for the Largest Share in the Market

The ion exchange membrane industry in the Asia Pacific is driven by favourable government policies pertaining to water treatment to fulfil the rising demand for potable water. This factor is likely to generate a significant demand for ion exchange membranes in the forecast period. Furthermore, the capacity expansion by the manufacturers in the region is likely to provide impetus to the market.

Ion Exchange Membrane: Market Segmentation

Ion exchange membrane is defined as a semi-permeable membrane in which the ionic functionality remains fixed. Ion exchange membrane enables the concentration, separation, or exclusion of ionic species during the flow of a fluid and is used in a wide range of industrial applications.

Market Breakup by Material

- Hydrocarbon Membrane

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- Perfluorocarbon Membrane
- Inorganic Membrane
- Composite Membrane
- Partially Halogenated Membrane

#### Market Breakup by Charge

- Cation
- Anion
- Amphoteric Ion
- Bipolar Ion
- Mosaic Ion

#### Market Breakup by Application

- Electrodialysis
- Electrolysis
- Storage Batteries
- Water Treatment
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Rising Utilisation of Ion Exchange Membrane in Electrolysis Applications to Boost the Growth of the Ion Exchange Membrane Industry

The global ion exchange membrane industry is driven by the rising application of the product in the electrolysis process. Electrolysis is an important step in the process of extraction and refining of metals. The market is supported by the rapid urbanisation and infrastructure development in emerging economies. Moreover, the thriving water and wastewater treatment industry across the continents due to favourable government initiatives is anticipated to bolster the demand for ion exchange membranes. Moreover, the anticipated increase in the application of ion exchange membranes in the electrodialysis process for desalination of sea water is likely to boost the market in the forecast period.

#### Key Industry Players in the Global Ion Exchange Membrane Market

The report gives a detailed analysis of the following key players in the global ion exchange membrane market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Merck KGaA
- 3M Company

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- DuPont de Nemours, Inc.
- Evergreen Technologies Pvt. Ltd.
- Membranes International Inc.
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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