

**Membranes Market, By Material (Polymeric, Ceramic), Technology (RO, MF, UF, NF), Application (Water & Wastewater Treatment, Industrial Processing), & Region (North America, Europe, APAC, Middle East & Africa, South America) - Global Forecast to 2027**

Market Report | 2022-10-17 | 210 pages | MarketsandMarkets

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**Report description:**

The global membranes market size is projected to reach USD 10.1 billion by 2027 from USD 6.4 billion in 2022, at a CAGR of 9.7% during the forecast period. The market is driven by various factors such as increasing demand for potable water, rising water scarcity, and shift from chemical to physical treatment of water. Furthermore, desalination and growing demand from emerging economies such as India, China, and Brazil is expected to boost the growth of the membranes market.

"Polymeric segment to be the largest and fastest growing segment amongst materials in the membranes market"

Membranes market is segmented as polymeric, ceramic, and others based on the material used. Polymeric membranes are the majorly commercialized membranes and account for the larger market share of the market as compared to the ceramic membranes. Polymeric membranes are cost-effective as compared to the ceramic membranes, which is one of the driving factors for this segment.

"RO segment to be the largest segment amongst technologies in the overall membranes market during the forecast period"

Membranes market is segmented into RO, UF, MF, and NF based on technology. RO membranes are permeable to water but impermeable to most of the dissolved salts, bacteria, pyrogens, and organics. These membranes are widely utilized in the water desalination systems. Stringent regulations regarding wastewater treatment further supports the increasing demand of RO membranes.

"Industrial processing to grow at a highest growth rate amongst applications in the overall membranes market"

Based on application, the membranes market is segmented into two segments: water & wastewater treatment, and industrial processing. Water & wastewater treatment accounts for the highest market share of membranes market. Industrial processing

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further includes various end use industries such as food & beverage, pharmaceutical, textile, pulp & paper, power, chemical & petrochemical, and others. Growth in these end use industries will drive the demand of membranes in the industrial processing applications.

"Asia Pacific estimated to be the largest and the fastest growing region in the membranes market during the forecast period"

Asia Pacific is the largest market for membranes. This large market share is primarily attributed to the presence of various developing nations in the region. The nations including China and India are witnessing rising industrialization, growing population, and an increasing awareness about water conservation & wastewater treatment, which drives the membranes market.

#### Breakdown of Primaries

Extensive primary interviews were conducted in the process of determining and verifying sizes of several segments and subsegments of the membranes market gathered through secondary research.

The breakdown of primary interviews has been given below.

- By Company Type: Tier 1 - 25%, Tier 2 - 50%, and Tier 3 - 25%

- By Designation: C Level Executives - 20%, Director Level - 30%, Others - 50%

- By Region: North America - 20%, Asia Pacific - 25%, Europe - 30%, Middle East & Africa - 10%, South America - 15%.

The key players in the membranes market include Toray Industries Inc. (Japan), DuPont (US), Pentair (UK), Pall Corporation (US), Suez Water Technologies & Solutions (France), Hydranautics (US), Asahi Kasei Corporation (Japan), LG Chem Ltd. (South Korea), 3M (US), Mann+Hummel (Germany), and Koch Separation Solutions (US).

#### Research Coverage

This report covers the membranes market and forecasts its market size until 2027. The market has been segmented based on material, technology, application, and region. The report also provides detailed information on company profiles and competitive strategies adopted by the key players to strengthen their positions in the market. The report also provides insights into the driving and restraining factors in the membranes market, along with opportunities and challenges in the market. It also includes profiles for top manufacturers in the market.

#### Reasons to Buy the Report

The report is expected to help market leaders/new entrants in the following ways:

1. This report segments the membranes market and provides the closest approximations of overall market size for its segments across different verticals and regions.
2. This report is expected to help stakeholders understand the pulse of the market and provide information on key drivers, restraints, challenges, and opportunities influencing the growth of the market.
3. This report is expected to help stakeholders obtain an in-depth understanding of the competitive landscape of the market and gain insights to improve the position of their businesses. The competitive landscape section includes detailed information on strategies, such as new product launches, investment & expansions, agreement & collaboration, and mergers & acquisitions.

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