

Polymer Nanomembrane - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Polymer Nanomembrane Market is accounted for \$570.79 million in 2020 and is expected to reach \$1,583.08 million by 2028 growing at a CAGR of 13.6% during the forecast period. The growth of the water & wastewater treatment industry, increase in awareness about the environment and growing problem of water scarcity are driving the market growth. However, geopolitical tensions between countries are impacting the electronics industry and hampering the growth of the market.

Polymeric Nanomembranes are a group of novel filtration materials that comprise nanofillers and they are embedded in a polymeric oxide matrix that functionalizes the membrane. Filtration with actual polymeric membranes shows good capability for pollutant separation, but broad applications of polymeric membranes are limited.

Based on the type, the polyacrylonitrile (PAN) segment is going to have lucrative growth during the forecast period. PAN membranes are prepared with the support of a hydroxyl amine-induced phase inversion process. The obtained PAN membrane displays greater flux along with the required efficiency of separation for several oil-in-water emulsions. PAN membrane shows higher antifouling property and recyclability due to its ultralow oil adhesion property. Thus, it is highly utilized for emulsified oil/water separation.

By geography, North America is going to have high growth during the forecast period due to the strict environmental regulations in this region like the Clean Water Act (CWA), the United States Environmental Protection Agency (EPA), and the Safe Drinking Water Act (SDWA) which affect the water treatment industry directly. The US comprises of one of the largest polymer nanomembrane markets across the world. The giant end-use industries of polymer nanomembrane with a larger adoption rate of latest

technologies as compared to other countries are key drivers for the market.

Some of the key players profiled in the Polymer Nanomembrane Market include Alfa Laval AB, AMS Technologies, Applied Membranes, Inc., Dupont De Nemours, Inc., Hunan KeensSen Technology Co., Ltd, Koch Separation Solutions, MICRODYN-NADIR GMBH, Nitto Denko Corporation%li%Hydranautics, NX Filtration BV, Osmotech Membranes Pvt. Ltd., Pall Corporation, Pentair - X-Flow, Sumitomo Electric Fine Polymer, Inc, Synder Filtration, Inc. and Toray Industries, Inc.

Types Covered:

Polyacrylonitrile (PAN)

Polyamide

Polycarbonate (PC)

Polyethylene (PE)

Polypropylene (PP)

Polytetrafluoroethylene (PTFE)

Polyvinylchloride (PVC)

Other Types

End Users Covered:

Chemical

Electronics

Food & Beverages

Oil & Gas

Pharmaceutical & Biomedical

Water & Wastewater Treatment

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges,

Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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