

Global Microfiltration Membranes Size study, By type(Fluorinated polymers, Cellulosic, Polysulfones, Ceramic and Others) by pore size (≥ 0.8 Micron (10, 0.8 micron), ≥ 0.4 Micron (0.65, 0.45), ≥ 0.1 Micron (0.3, 0.2, 0.1 micron)), By Filtration Type (Direct Flow Filtration, Cross Flow Filtration), By Application (Biopharmaceutical processing, Water treatment, Food & beverage, Chemical), and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GD86B562F4D9EN.html>

Date: June 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GD86B562F4D9EN

Abstracts

Global Microfiltration Membranes is valued approximately USD 1.11 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 8.9 % over the forecast period 2022-2028. Microfiltration (MF) is a method that uses membranes with pores ranging from 0.05 to 10 μ m in size and an operating pressure of less than 2 bar to separate particles with an average molecular weight more than 400 kDa. Process fluids may be physically separated from impurities such as suspended particles, lipids, and microorganisms via microfiltration. Additionally, reverse osmosis, nanofiltration, and ultrafiltration are just a few other membrane technologies that may be used with microfiltration. Increasing awareness regarding water & wastewater treatment, stringent wastewater regulations, selective separation technology are factors that are accelerating the global market demand. For instance, according to the World Health Organisation (WHO), as of July 2020, there are more than 3.4 million people affected by water-borne diseases in India. According to India waterportal.org every year about 37.7 million Indians are affected by waterborne diseases. Thus increasing demand for water treatment in developing countries, rising scarcity of fresh water, stimulates market growth in the approaching years. However, fouling to reduce membrane

performance and high capital cost impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Microfiltration Membranes Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. The largest and fastest-growing region for microfiltration membranes are in Asia Pacific. Due to industrialization and rising knowledge of water reuse and recycling, developing economies in the Asia Pacific region, including China and India, are anticipated to see rapid expansion. Whereas, The implementation of different programmers, rules, and regulations by governmental organisation, such as environmental protection legislation to safeguard natural resources for water conservation and sanitation management, are anticipated to have a beneficial effect on the microfiltration membranes market., increasing investments in the R&D activities, and presence of the leading market players, would create lucrative growth prospects for the global Microfiltration Membranes Market across the North American region.

Major market players included in this report are:

SUEZ

Merck kga

Sartorius ag

Koch separation solutions

Hydranautics (nitto denko company)

Pall corporation

The 3m company

Pentair

Asahi kasei

Toray industries inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By type:

Fluorinated polymers

Cellulosic

Polysulfones

Ceramic

Others

By Pore Size

>=0.8 Micron (10, 0.8 micron)

>=0.4 Micron (0.65, 0.45)

>=0.1 Micron (0.3, 0.2, 0.1 micron)

By Filtration Type:

Direct Flow Filtration

Cross Flow Filtration

By Application

Biopharmaceutical processing

Water treatment

Food & beverage

Chemical

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Microfiltration Membranesin Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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