Reverse Osmosis Membranes Market: By Material (Cellulose Based, Thin Film Composite Membrane), By Application (Desalination System, RO Purification, Medical Devices), By Filter Module (PF, Tube Shaped, Spiral) & By Region—Forecast (2016-2021)

Description: Reverse osmosis (RO) is a water purification technology that is used to remove ions, molecules, and larger particles from drinking water. This process is carried out using a semipermeable membrane made up of cellulose or other material. This water purification technology is gaining huge popularity in most part of the world due to increasing water pollution and rising number of water borne diseases. Globally increasing awareness about water borne diseases and water pollution is expected to be the key growth drivers for the RO membranes during the period of study.

This report identifies the global reverse osmosis membranes market size in for the year 2014-2016, and forecast of the same for year 2021. It also highlights the potential growth opportunities in the coming years, while also reviewing the market drivers, restraints, growth indicators, challenges, market dynamics, competitive landscape, and other key aspects with respect to global reverse osmosis membranes market.

Geographically North America dominated global reverse osmosis membranes market due to higher awareness about water borne diseases and usage of RO systems by industrial and government bodies. North America was followed by Europe and Asia-Pacific as second and third largest consumer of reverse osmosis membranes. Asia Pacific is projected to have fastest growth, owing to rapidly expanding industrial base, increasing awareness and new regulations regarding water treatment especially in the major regional economies such as India and China in the region.

This report segments global reverse osmosis membranes market on the basis of filter material, filter module, application and regional market as follows:

On the basis of filter materials this report on global reverse osmosis membranes market is segmented as follows, covering all major material types as follows: Cellulose-Based Membranes (Cellulose Acetate (CA) Membranes, Nitrocellulose Membranes and Others), Thin Film Composite Membranes (Polyamide (PA) Composite Membranes, Graphene Oxide-Based (GO) Polyacrylonitrile (PAN) Composite Membranes and Others)

On the basis of filter modules this report on global reverse osmosis membranes market is segmented as follows, covering all major module types as follows: Plate & Frame (PF) (Spiral Membranes and Pillow-Shaped Membranes), Tubular-Shaped Membranes (Capillary), Spiral-Wound Membranes and Hollow-Fiber Membranes

On the basis of applications this report on global reverse osmosis membranes market is segmented as follows, covering all major applications as follows: Desalination Systems (Seawater, Brackish Water), RO Purification Systems (Residential & Commercial, Municipal, Industrial, Medical Devices & Diagnostics, Dialysis Equipment and Pacemaker)

This report on reverse osmosis membranes has been further segmented into major regions, which includes detailed analysis of each region such as: North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW) covering all the major country level markets in each of the region

This report identifies all the major companies operating in the reverse osmosis membranes market. Some of the major companies' profiles in detail are as follows:

Toray Industries, Inc.
LG Chem
Hydranautics (A Nitto Denko Group Company)
DOW Water & Process Solutions
Toyobo Co., Ltd.
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