

# Ion Exchange Resins - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/IEDFC10496CEN.html>

Date: August 2018

Pages: 185

Price: US\$ 4,150.00 (Single User License)

ID: IEDFC10496CEN

## Abstracts

According to Statistics MRC, the Global Ion Exchange Resins Market is expected to grow from \$1.11 million in 2017 to reach \$2.00 million by 2016 with a CAGR of 6.8%. Factors such as increasing demand for nuclear electricity generation in emerging economies and growing demand from food processing are boosting the market growth. However, increasing competition from reverse osmosis membrane is hindering the market expansion.

Ion exchange resins are polymers that act as ion exchange mediums. They are insoluble in water, cross-linked, and chemically inert. Ion exchange resins are functionalized polymer micro-beads are used which are usually yellow or white in color. Ion exchange resins are commonly used for water and wastewater treatment in various end-user industries. A substantial amount of ion exchange resins are used in chemical companies at different process stages. These resins are also used in sludge treatment plants for purification process.

By application, the Municipal water treatment section is anticipated to witness the major demand for ion exchange resins. This is mainly because it helps in removing the impurities to the maximum extent. The growing concerns of clean and safe water for drinking and sanitation have led to an increase in demand for ion exchange resins. Based on geography, North America is predicted to rule the global ion exchange resin market during the period. This is mainly due to the rising demand for ion exchange resins from end-user industries including pharmaceutical, mining, and nuclear power.

Some of the key players in ion exchange resins market includes Jiangsu Suqing Water Treatment Engineering Group Company Ltd., Mitsubishi Chemical's, Dow Chemical, Thermax Ltd., Eichrom Technologies Inc., Ion Exchange Ltd., Lanxess AG, Novasep

Holding S.A.S., Rohm & Haas, Purolite, Resintech Inc., Samyang Corporation, Bengbu Dongli Chemical Co. Ltd., Evoqua Water Technologies Llc, Aldex Chemical Company Limited, Bio-Rad Laboratories Inc., Anhui Sanxing Resin Technology Co. Ltd., Tianjin Nankai Hecheng Science & Technology Co. Ltd., Sunresin New Materials Co. Ltd. and Jacobi Resinex.

#### Product Types Covered:

Chelation Resins

Anion Exchange Resins

Adsorbent Resins

Cation Exchange Resins

Mixed Bed Resins

Other Product Types

#### Raw Materials Covered:

Cross-Linked Polystyrene

Polystyrene Copolymer

Polyacrylic Copolymer

Other Raw Materials

#### Matrix Structures Covered:

Sheet

Gel

Porous Beads

Microporous Beads

Powder

Other Matrix Structures

#### Applications Covered:

Tert-Amyl Methyl Ether (TAME)

Sugar Refining

Liquid Glucose

Uranium Mining

Gold Mining

Methyl Tert-Butyl Ether (MTBE) Catalysis

Ultrapure Water

Bisphenol A

Water Softening

Other Applications

#### End Users Covered:

Hydrometallurgy & Metal Finishing

Pharmaceuticals

Food & Beverages

Paper & Pulp

Nuclear Power

Water 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

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

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

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL ION EXCHANGE RESINS MARKET, BY PRODUCT TYPE**

- 5.1 Introduction
- 5.2 Chelation Resins
- 5.3 Anion Exchange Resins
  - 5.3.1 Strong Base Anion Resins
  - 5.3.2 Weak Base Anion Resins
- 5.4 Adsorbent Resins
- 5.5 Cation Exchange Resins
  - 5.5.1 Weak Acid Cation Resins
  - 5.5.2 Strong Acid Cation Resins
- 5.6 Mixed Bed Resins
- 5.7 Other Product Types

## **6 GLOBAL ION EXCHANGE RESINS MARKET, BY RAW MATERIAL**

- 6.1 Introduction
- 6.2 Cross-Linked Polystyrene
- 6.3 Polystyrene Copolymer
- 6.4 Polyacrylic Copolymer
- 6.5 Other Raw Materials

## **7 GLOBAL ION EXCHANGE RESINS MARKET, BY MATRIX STRUCTURE**

- 7.1 Introduction
- 7.2 Sheet
- 7.3 Gel
- 7.4 Porous Beads
- 7.5 Microporous Beads
- 7.6 Powder
- 7.7 Other Matrix Structures

## **8 GLOBAL ION EXCHANGE RESINS MARKET, BY APPLICATION**

- 8.1 Introduction
- 8.2 Tert-Amyl Methyl Ether (TAME)
- 8.3 Sugar Refining
- 8.4 Liquid Glucose



- 8.5 Uranium Mining
- 8.6 Gold Mining
- 8.7 Methyl Tert-Butyl Ether (MTBE) Catalysis
- 8.8 Ultrapure Water
- 8.9 Bisphenol A
- 8.10 Water Softening
- 8.11 Other Applications
  - 8.11.1 Decontamination Processes
  - 8.11.2 Separation Processes
  - 8.11.3 Purification Processes

## **9 GLOBAL ION EXCHANGE RESINS MARKET, BY END USER**

- 9.1 Introduction
- 9.2 Hydrometallurgy & Metal Finishing
- 9.3 Pharmaceuticals
- 9.4 Food & Beverages
- 9.5 Paper & Pulp
- 9.6 Nuclear Power
- 9.7 Water Treatment
  - 9.7.1 Municipal Water Treatment
  - 9.7.2 Industrial Waste Water Treatment
    - 9.7.2.1 Electronics Industry
    - 9.7.2.2 Chemical & Petrochemical Industry
    - 9.7.2.3 Other Industrial Water Treatments
- 9.8 Other End Users

## **10 GLOBAL ION EXCHANGE RESINS MARKET, BY GEOGRAPHY**

- 10.1 Introduction
- 10.2 North America
  - 10.2.1 US
  - 10.2.2 Canada
  - 10.2.3 Mexico
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 Italy
  - 10.3.4 France

- 10.3.5 Spain
- 10.3.6 Rest of Europe
- 10.4 Asia Pacific
  - 10.4.1 Japan
  - 10.4.2 China
  - 10.4.3 India
  - 10.4.4 Australia
  - 10.4.5 New Zealand
  - 10.4.6 South Korea
  - 10.4.7 Rest of Asia Pacific
- 10.5 South America
  - 10.5.1 Argentina
  - 10.5.2 Brazil
  - 10.5.3 Chile
  - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Jiangsu Suqing Water Treatment Engineering Group Company Ltd.
- 12.2 Mitsubishi Chemical's
- 12.3 Dow Chemical
- 12.4 Thermax Ltd.
- 12.5 Eichrom Technologies Inc.
- 12.6 Ion Exchange Ltd.
- 12.7 Lanxess AG

- 12.8 Novasep Holding S.A.S.
- 12.9 Rohm & Haas
- 12.10 Purolite
- 12.11 Resintech Inc.
- 12.12 Samyang Corporation
- 12.13 Bengbu Dongli Chemical Co. Ltd.
- 12.14 Evoqua Water Technologies Llc
- 12.15 Aldex Chemical Company Limited
- 12.16 Bio-Rad Laboratories Inc.
- 12.17 Anhui Sanxing Resin Technology Co. Ltd.
- 12.18 Tianjin Nankai Hecheng Science & Technology Co. Ltd.
- 12.19 Sunresin New Materials Co. Ltd.
- 12.20 Jacobi Resinex

## List Of Tables

### LIST OF TABLES

Table 1 Global Ion Exchange Resins Market Outlook, By Region (2016-2026) (US \$MN)

Table 2 Global Ion Exchange Resins Market Outlook, By Product Type(2016-2026) (US \$MN)

Table 3 Global Ion Exchange Resins Market Outlook, By Chelation Resins(2016-2026) (US \$MN)

Table 4 Global Ion Exchange Resins Market Outlook, By Anion Exchange Resins(2016-2026) (US \$MN)

Table 5 Global Ion Exchange Resins Market Outlook, By Strong Base Anion Resins(2016-2026) (US \$MN)

Table 6 Global Ion Exchange Resins Market Outlook, By Weak Base Anion Resins(2016-2026) (US \$MN)

Table 7 Global Ion Exchange Resins Market Outlook, By Adsorbent Resins(2016-2026) (US \$MN)

Table 8 Global Ion Exchange Resins Market Outlook, By Cation Exchange Resins(2016-2026) (US \$MN)

Table 9 Global Ion Exchange Resins Market Outlook, By Weak Acid Cation Resins(2016-2026) (US \$MN)

Table 10 Global Ion Exchange Resins Market Outlook, By Strong Acid Cation Resins(2016-2026) (US \$MN)

Table 11 Global Ion Exchange Resins Market Outlook, By Mixed Bed Resins(2016-2026) (US \$MN)

Table 12 Global Ion Exchange Resins Market Outlook, By Other Product Types(2016-2026) (US \$MN)

Table 13 Global Ion Exchange Resins Market Outlook, By Raw Material(2016-2026) (US \$MN)

Table 14 Global Ion Exchange Resins Market Outlook, By Cross-Linked Polystyrene(2016-2026) (US \$MN)

Table 15 Global Ion Exchange Resins Market Outlook, By Polystyrene Copolymer(2016-2026) (US \$MN)

Table 16 Global Ion Exchange Resins Market Outlook, By Polyacrylic Copolymer(2016-2026) (US \$MN)

Table 17 Global Ion Exchange Resins Market Outlook, By Other Raw Materials(2016-2026) (US \$MN)

Table 18 Global Ion Exchange Resins Market Outlook, By Matrix Structure(2016-2026) (US \$MN)

Table 19 Global Ion Exchange Resins Market Outlook, By Sheet(2016-2026) (US \$MN)

Table 20 Global Ion Exchange Resins Market Outlook, By Gel(2016-2026) (US \$MN)

Table 21 Global Ion Exchange Resins Market Outlook, By Porous Beads(2016-2026) (US \$MN)

Table 22 Global Ion Exchange Resins Market Outlook, By Microporous Beads(2016-2026) (US \$MN)

Table 23 Global Ion Exchange Resins Market Outlook, By Powder(2016-2026) (US \$MN)

Table 24 Global Ion Exchange Resins Market Outlook, By Other Matrix Structures(2016-2026) (US \$MN)

Table 25 Global Ion Exchange Resins Market Outlook, By Application(2016-2026) (US \$MN)

Table 26 Global Ion Exchange Resins Market Outlook, By Tert-Amyl Methyl Ether (TAME)(2016-2026) (US \$MN)

Table 27 Global Ion Exchange Resins Market Outlook, By Sugar Refining(2016-2026) (US \$MN)

Table 28 Global Ion Exchange Resins Market Outlook, By Liquid Glucose(2016-2026) (US \$MN)

Table 29 Global Ion Exchange Resins Market Outlook, By Uranium Mining(2016-2026) (US \$MN)

Table 30 Global Ion Exchange Resins Market Outlook, By Gold Mining(2016-2026) (US \$MN)

Table 31 Global Ion Exchange Resins Market Outlook, By Methyl Tert-Butyl Ether (MTBE) Catalysis(2016-2026) (US \$MN)

Table 32 Global Ion Exchange Resins Market Outlook, By Ultrapure Water(2016-2026) (US \$MN)

Table 33 Global Ion Exchange Resins Market Outlook, By Bisphenol A(2016-2026) (US \$MN)

Table 34 Global Ion Exchange Resins Market Outlook, By Water Softening(2016-2026) (US \$MN)

Table 35 Global Ion Exchange Resins Market Outlook, By Other Applications(2016-2026) (US \$MN)

Table 36 Global Ion Exchange Resins Market Outlook, By Decontamination Processes(2016-2026) (US \$MN)

Table 37 Global Ion Exchange Resins Market Outlook, By Separation Processes(2016-2026) (US \$MN)

Table 38 Global Ion Exchange Resins Market Outlook, By Purification Processes(2016-2026) (US \$MN)

Table 39 Global Ion Exchange Resins Market Outlook, By End User(2016-2026) (US

\$MN)

Table 40 Global Ion Exchange Resins Market Outlook, By Hydrometallurgy & Metal Finishing(2016-2026) (US \$MN)

Table 41 Global Ion Exchange Resins Market Outlook, By Pharmaceuticals(2016-2026) (US \$MN)

Table 42 Global Ion Exchange Resins Market Outlook, By Food & Beverages(2016-2026) (US \$MN)

Table 43 Global Ion Exchange Resins Market Outlook, By Paper & Pulp(2016-2026) (US \$MN)

Table 44 Global Ion Exchange Resins Market Outlook, By Nuclear Power(2016-2026) (US \$MN)

Table 45 Global Ion Exchange Resins Market Outlook, By Water Treatment(2016-2026) (US \$MN)

Table 46 Global Ion Exchange Resins Market Outlook, By Municipal Water Treatment(2016-2026) (US \$MN)

Table 47 Global Ion Exchange Resins Market Outlook, By Industrial Waste Water Treatment(2016-2026) (US \$MN)

Table 48 Global Ion Exchange Resins Market Outlook, By Other End Users(2016-2026) (US \$MN)

Note: Regional tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are presented in similar manner as the above.

## I would like to order

Product name: Ion Exchange Resins - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/IEDFC10496CEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IEDFC10496CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970