

Ion Exchangers – A Global Market Overview

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Abstracts

REPORT SYNOPSIS

Globally, the market for hybrid/composite ion exchangers incorporating the beneficial features of both organic and inorganic exchangers has been gaining traction. These exchangers enable in forming new solid-state/lattice structures and materials with novel composite properties, leading to a host of innovative applications that will drive future growth. The primary goal of synthesizing hybrid exchangers has been to achieve properties that a single-phase material lacks.

Asia-Pacific forms the largest global market for Ion Exchangers, estimated at US\$1.4 billion (35.1% share) in 2018, which is also poised to post the fastest 2018-2024 CAGR of 5.9%. By type, Organic exchangers account for the largest share in 2018 with US\$1.8 billion. The overall ion exchangers worldwide market is expected to reach US\$4.1 billion in 2019.

Research Findings & Coverage

The global market for Ion Exchangers is explored in this study with respect to Ion Exchanger Type/Sub-Type and major application areas

The study extensively analyzes above mentioned types and applications of Ion Exchangers in each major region/country globally for the analysis period

Hybrid Ion Exchangers Gain Traction

Combined Cation/Anion Exchange Systems Improve Water Purification in Small Potable Water Systems

Ion Exchangers Improve Purification of Processed Foods

Drug Delivery Systems Enhanced with Ion Exchangers

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 100

The industry guide includes the contact details for 132 companies

PRODUCT OUTLINE

The report analyzes the market for the key types/sub-types of Ion Exchangers including:

Composite

Inorganic

Zeolites

Others

Organic

Amphoteric

Chelating

Strong Base Anion

Weak Base Anion

Strong Acid Cation

Weak Acid Cation

Application Areas of Ion Exchangers analyzed comprise the following:

Chemical

Dairy, Food & Beverages

Hydrometallurgy

Industrial & Municipal Water Treatment

Nuclear Waste Remediation

Pharmaceuticals & Medicine

Others

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Ion Exchangers market for the period 2015-2024 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2018 through 2024

Geographic Coverage

North America (The United States, Canada and Mexico)

Europe (France, Germany, Italy, United Kingdom and Rest of Europe)

Asia-Pacific (China, India, Japan and Rest of Asia-Pacific)

South America (Argentina, Brazil and Rest of South America)

Rest of World

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- 2.2 Combined Cation/Anion Exchange Systems Improve Water Purification in Small Potable Water Systems
- 2.3 Innovative Developments in Ion Exchange
- 2.4 Ion Exchangers Improve Purification of Processed Foods
- 2.5 Drug Delivery Systems Enhanced with Ion Exchangers

3. KEY GLOBAL PLAYERS

Albemarle Corporation (United States)
ALDEX Chemical Company, Ltd. (Canada)
Anhui Mingmei Minchem Co., Ltd. (China)
Anhui Sanxing Resin Technology Co., Ltd. (China)
Anten Chemical Co., Ltd. (China)
Arkema Group (France)
Bariteworld (United States)
BASF SE (Germany)
Bio-Rad Laboratories Inc. (United States)
Blue Pacific Minerals (New Zealand)
Clariant AG (Switzerland)
Eurecat S.A. (France)
Evoqua Water Technologies LLC (United States)
Finex OY (Finland)
Grupo Coypus S.A. De C.V. (Mexico)
Gujarat Credo Mineral Industries Ltd (India)

Honeywell International Inc. (United States)
Ida-Ore Zeolite (United States)
Imerys Metallurgy Division (Greece)
Incal Mineral G?bre Ve Yem San. Ltd. Sti. (Turkey)
Ion Exchange (India) Limited (India)
Jacobi Carbons AB (Sweden)
Jiangsu Linhai Resin Science and Technology Co., Ltd. (China)
KNT Group (Russia)
Lanxess AG (Germany)
MEC Energy, Mining, Construction Ind. and Trade Co. (Turkey)
Mitsubishi Chemical Holdings Corporation (Japan)
Molecular Products Group Ltd (United Kingdom)
National Aluminium Company Limited (India)
Ningbo Zhengguang Resin Co., Ltd. (China)
Novasep, LLC (United States)
Ovivo Inc. (Canada)
PQ Corporation (United States)
Progressive Planet Solutions Inc. (Canada)
Purolite Corporation (United States)
Resintech, Inc. (United States)
Rota Madencilik AS - Rota Mining Corporation (Turkey)
Samyang Corporation (South Korea)
Sawyer Technical Materials, LLC (United States)
St. Cloud Mining Company (United States)
Sunresin New Materials Co. Ltd. (China)
Teague Mineral Products (United States)
The Dow Chemical Company (United States)
Thermax Global (India)
Tianjin Nankai Hecheng Science & Technology Co., Ltd (Hecheng) (China)
Tosoh Corporation (Japan)
Union Showa Corporation (Union Showa KK) (Japan)
W.R. Grace & Co (United States)
ZEO, Inc. (United States)
Zeocat Soluciones Ecol?gicas S.L.U. (Spain)
Zeocem, A.S. (Slovakia)
Zeochem AG (Switzerland)
Zeotech Corporation (United States)
ZMM Canada Minerals Corp. (Canada)

4. KEY BUSINESS TRENDS

Purolite Join Forces with PharmNXT Biotech to Supply and Distribute Purolite Life Science Praesto Range of Chromatography Resins in India

A Memorandum of Understanding Signed by ART Hydroprocessing and Gladioux Metals Recycling for Reusing Metals from Spent Catalysts

BASF SE Opens New Innovative Research Centers for Catalysts and Processes in Ludwigshafen, Germany and Shanghai

Albemarle Corporation Expects to Recover Q1 Lithium Volume shortfalls in Remainder of 2019

New Depolox 400 M Analyzer for Drinking Water Introduced by Evoqua

ART Hydroprocessing Signed Agreement with GS EcoMetal to Reuse Metals from Spent Catalysts

Albemarle Corporation Plans Lithium Hydroxide (LiOH) Conversion Site in Western Australia

Honeywell UOP to Supply Various Process Technologies for the Second Phase of ZPC's Integrated Refining and Petrochemical Project

Albemarle Corporation and Mineral Resources Limited Enter into Joint Venture Agreement on Lithium Project

BASF to Expand in Shanghai

Plans to Increase the Production Capacity of Formulated Electrolyte for LIBs at Mitsubishi Chemical's Plant in Yokkaichi

Global Water Services Commissioned to Serve as the Midwest Distribution Point for Purolite Resins

Albemarle Corporation Introduces XPLORE Platform - KF 787 Pulsar Catalyst

Progressive Planet Solutions Inc Discloses Zeolite Efficacy Trial

LANXESS AG to Start New Ion Exchange Resins in Leverkusen, Germany

PPS Opens Advanced Materials Centre (AMC) and Procures Facilities in Vernon, Canada

Purolite's Purofine PFA694E Resin Meets New Jersey Municipalities Regulations

Blue Pacific Minerals to Clean Up Lakes in the United States

BASF Launches Luminate FCC Catalyst

Dow Water Solutions Won 2018 International Desalination Association (IDA) Award for Industry Technology and Innovation Leader in Water Reuse and Conservation

British Columbia Municipality Purchases PPS' Zeolite

Blue Pacific Minerals Establishes New Zeolite in Tokoroa, New Zealand

ZMM Canada Minerals Corp Extends its Research on Soil Remediation Using Z-1 Zeolite

Purolite Removes 1, 2 Dichloroethane from Ion Exchange Resin Production

Purolite, China Receives OHSAS 18001:2007 Certification

ZMM Canada Minerals Corp and Ashburton Ventures Inc Discover Zeolite Location

ZMM Canada Minerals Corp Acquires Nesbitt Lake Diatomaceous Earth (DE) Property

Dow Water & Process Solutions Develops New WAVE Software Technology for Clean Water Usage

Purolite Life Sciences Selects Repligen's OPUS Chromatography Technology for Biologic Drugs Purification

Progressive Planet Solutions, Inc Sells Zeolite Product from Vernon, BC

BASF Establishes New Zeolites Plant in Ludwigshafen, Germany

KNT Group Supplies Adsorbents to SIBUR-Holding PJSC

CPH Group's Chemistry Division Streamlines its Swiss-based Companies CU Deutero + Agro AG and Chemie Uetikon AG into Zeochem AG.

Blue Pacific Minerals Launches Feed Supplement Maximin

Tosoh Corporation Expands its High-Silica Zeolite (HSZ) Production Capacity at Nanyo Complex in Yamaguchi

Zeochem LLC To Establish New Adsorbent Plant in Louisville, Kentucky

Progressive Planet Solutions, Inc Acquires Juniper Creek Chabazite Zeolite and TransCanada Chabazite Zeolite Businesses

Ashburton Ventures Inc Sign Joint Agreement with ZMM Canada Minerals Corp

Purolite Ltd Receives ISO 14001:2015 Certification

Progressive Planet Solutions, Inc Signs Joint Operating Agreement with ZMM Canada Minerals Corp

Imerys S.A. Acquires Damolin

Xiaomi and Purolite Announce Contract to Remove Contaminants and Control Bacterial Growth

Purolite Selects Strem Chemicals Inc as Distributor Partner

Dow Water & Process Solutions Launches DOWEX MARATHON Ion Exchange Resins

Dow Water & Process Solutions Unveils New DOW Specialty Membrane Element Solution

The Dow Chemical Company and Colorcon Inc Broaden their Existing Controlled Release Alliance on Robust Pharmaceutical Offering of Ion Exchange Resins

SKion and La Caisse Completes Stake in Ovivo Inc

Blue Pacific Minerals Moves to OPTIMATE from OPTIGUARD Zeolite Usage

Clariant Showcases Zeolite Innovations at the 18th International Zeolite Conference, in Rio de Janeiro, Brazil

Resinex Receives Approval for its Resinex KW Ion Exchange from French Ministere des Affaires Sociales et de la Sante (FMASS)

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ACS Material, LLC (United States)
Albemarle Corporation (United States)
Aldex Chemical Company, Ltd. (Canada)
All American Air Filters, Inc. (United States)
Bariteworld (United States)
Bear River Zeolite (United States)
Bio-Rad Laboratories Inc. (United States)
California Silica Products, LLC (United States)
Cycletrol, Inc. (United States)
Eichrom Technologies LLC (United States)
Evoqua Water Technologies LLC (United States)
Grupo Coypus S.A. De C.V. (Mexico)
Honeywell International Inc. (United States)
Honeywell UOP (United States)
Ida-Ore Zeolite (United States)
Interra Global Corporation (United States)
KMI Zeolite (United States)
Northern Filter Media, Inc. (United States)
Novasep, LLC (United States)
Ovivo Inc. (Canada)
PQ Corporation (United States)
Progressive Planet Solutions Inc. (Canada)
Purolite Corporation (United States)
ResinTech, Inc. (United States)
Rive Technology, Inc. (United States)
Sawyer Technical Materials, LLC (United States)
St. Cloud Mining Company (United States)
Teague Mineral Products (United States)
The Dow Chemical Company (United States)
W.R. Grace & Co (United States)
ZEO, Inc. (United States)
Zeolyst International (United States)
Zeotech Corporation (United States)
Zeovation Inc. (United States)
ZMM Canada Minerals Corp. (Canada)

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 - CECA Adsorbents (France)
 - BASF SE (Germany)
 - Chemiewerk Bad K[?]stritz GmbH (Germany)
 - Clariant AG (Switzerland)
 - Cooperativa La Minera Ltda. (Spain)
 - Delft Solids Solutions BV (Netherlands)
 - Eurecat S.A. (France)
 - Finex OY (Finland)
 - G. Apostolico & C. Tanagro S.N.C. (Italy)
 - Gordes Zeolite (Turkey)
 - Imerys Metallurgy Division (Greece)
 - Incal Mineral G[?]bre Ve Yem San. Ltd. Sti. (Turkey)
 - Ionic Systems Ltd. (United Kingdom)
 - IQE Group (Spain)
 - Jacobi Carbons AB (Sweden)
 - KNT Group (Russia)
 - Lanxess AG (Germany)

Mec Energy, Mining, Construction Ind. and Trade Co. (Turkey)
Molecular Products Group Ltd (United Kingdom)
Nature's Protection (Ukraine)
Neozeo AB (Sweden)
Panaceo International Active Mineral Production GmbH (Austria)
Rota Madencilik As - Rota Mining Corporation (Turkey)
Silkem, D.O.O. (Slovenia)
Zeocat Soluciones Ecológicas S.L.U. (Spain)
Zeocem, A.S. (Slovakia)
Zeochem AG (Switzerland)
Zeoliet-Producten Benoot Pascal (Belgium)
Zeolite Pro Closed Joint Stock Company (Zeolite Pro Cjsc) (Armenia)
Zeolite Products (Netherlands)
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8.4 Major Market Players

Anhui Mingmei Minchem Co., Ltd. (China)

Anhui Sanxing Resin Technology Co., Ltd. (China)

Anten Chemical Co., Ltd. (China)

ATC Zeolite (Iran)

Auchtel Products Limited (India)

Bengbu Dongli Chemical Co., Ltd. (China)

Blue Pacific Minerals (New Zealand)

Dalian Haixin Chemical Industrial Co., Ltd (China)

Gujarat Credo Mineral Industries Ltd (India)

Gujarat Multi Gas Base Chemicals Pvt. Ltd. (India)

Huiying Chemical Industry (Quanzhou) Co., Ltd. (China)

Ion Exchange (India) Limited (India)

Jacobi Resinex (Japan)

Jiangsu Linhai Resin Science and Technology Co., Ltd. (China)

Manek Minerals (India)

Mitsubishi Chemical Holdings Corporation (Japan)

Mitsubishi Chemical Corporation (Japan)

Mitsubishi Chemical Corporation Separation and Materials Department (Japan)

National Aluminium Company Limited (India)

Ningbo Zhengguang Resin Co., Ltd. (China)

PT Khatulistiwa Hijau Prima (Indonesia)

Samyang Corporation (South Korea)

Sorbead India (India)

Sunresin New Materials Co. Ltd. (China)

Suqing Group (China)

TAZA SU LLP (Kazakhstan)

Thermax Global (India)

Tianjin Nankai Hecheng Science & Technology Co., Ltd (Hecheng) (China)

Tosoh Corporation (Japan)

Union Showa Corporation (Union Showa KK) (Japan)

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Minera Formas (Chile)

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THE UNITED KINGDOM

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INDIA

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