

Global Boron Removal Resin for Ultrapure Water Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Boron Removal Resin for Ultrapure Water market size was valued at US\$ 90.11 million in 2025 and is forecast to a readjusted size of US\$ 121 million by 2032 with a CAGR of 4.5% during review period.

Boron Removal Resins for Ultrapure Water are high-efficiency, specialty ion-exchange resins designed specifically for the deep removal of trace boron (including boric acid and borates) from water. In microelectronics industries such as semiconductor manufacturing, they serve as a critical consumable for ensuring ultrapure water quality.

Upstream raw materials primarily include resin backbone materials (such as styrene, divinylbenzene, and acrylic monomers); functionalization reagents for chloromethylation, amination, or graft modification; sources of boron-selective complexing groups (such as N-methylglucamine); chemicals for regeneration and conversion (such as hydrochloric acid, sodium hydroxide, and sodium chloride); and consumables for ultrapure-grade cleaning, pretreatment, and packaging. For semiconductor ultrapure water applications, the upstream focus extends beyond mere ion-exchange capacity to critical factors such as residual monomers, TOC leaching, metal ion leaching, particle size uniformity, compressive strength, and clean packaging control; consequently, high-end products rely heavily on capabilities in precision polymerization, post-treatment cleaning, and electronic-grade quality management.

In 2025, global sales volume is estimated at approximately 3,150 metric tons, with a mainstream ex-factory price of around US\$27.8 per kilogram; major manufacturers in the industry report gross margins in the range of 32%-48%.

This report is a detailed and comprehensive analysis for global Boron Removal Resin for Ultrapure Water market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Boron Removal Resin for Ultrapure Water market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Boron Removal Resin for Ultrapure Water market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Boron Removal Resin for Ultrapure Water market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Boron Removal Resin for Ultrapure Water market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Boron Removal Resin for Ultrapure Water

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Boron Removal Resin for Ultrapure Water market based on the following parameters - company overview, sales quantity, revenue,

price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include DuPont, LANXESS, ResinTech, Ecolab, Mitsubishi Chemical, Samyang, Sunresin, Zhejiang Zhengguang, Suqing Water Treatment, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Boron Removal Resin for Ultrapure Water market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

N-Methylglucamine Type

Polyhydroxy Weak Base Type

Other

Market segment by Resin Form

Macroporous Type

Gel Type

Market segment by Application

Wafer Manufacturing

Display Panels

Electronic-Grade Chemicals

Other

Major players covered

DuPont

LANXESS

ResinTech

Ecolab

Mitsubishi Chemical

Samyang

Sunresin

Zhejiang Zhengguang

Suqing Water Treatment

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Boron Removal Resin for Ultrapure Water product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Boron Removal Resin for Ultrapure Water, with price, sales quantity, revenue, and global market share of Boron Removal Resin for Ultrapure Water from 2021 to 2026.

Chapter 3, the Boron Removal Resin for Ultrapure Water competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Boron Removal Resin for Ultrapure Water breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Boron Removal Resin for Ultrapure Water market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Boron Removal Resin for Ultrapure Water.

Chapter 14 and 15, to describe Boron Removal Resin for Ultrapure Water sales channel, distributors, customers, research findings and conclusion.

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