

Global VOCs Adsorption Resin 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 VOCs Adsorption Resin market size was valued at US\$ 46.10 million in 2025 and is forecast to a readjusted size of US\$ 83.29 million by 2032 with a CAGR of 8.8% during review period.

In 2025, global sales volume of VOCs Adsorption Resin was approximately 2,800 tons, with an average global market price of about USD 16/kg. The gross margin of major manufacturers in the industry was around 32%-48%.

VOCs Adsorption Resin is a functional adsorbent material used for industrial organic waste gas treatment. It adsorbs, concentrates and separates volatile organic compounds such as alkanes, halogenated hydrocarbons, aromatic hydrocarbons, alcohols, ketones and esters through its macroporous structure, high specific surface area and surface adsorption properties. The product is generally based on spherical macroporous resin or hyper-crosslinked polymer resin, with good adsorption capacity, mechanical strength, solvent resistance and regeneration performance. It can be regenerated through steam, hot gas or vacuum desorption, and is suitable for VOCs purification, solvent recovery and adsorption concentration applications.

The upstream raw materials of VOCs Adsorption Resin mainly include styrene, divinylbenzene, functional monomers, porogens, crosslinking agents, initiators and resin post-treatment additives. The midstream segment covers the production of macroporous adsorbent resin, hyper-crosslinked adsorbent resin and related adsorbent materials, with core value concentrated in pore structure design, adsorption selectivity, desorption efficiency and cycle life control. The downstream applications mainly include medicine manufacturing, coating and printing, petrochemical, electronic manufacturing,

rubber and plastic industries, where the product is used for organic waste gas emission compliance and high-value solvent recovery.

This report is a detailed and comprehensive analysis for global VOCs Adsorption Resin 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 VOCs Adsorption Resin market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

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

Global VOCs Adsorption Resin 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 VOCs Adsorption Resin 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 VOCs Adsorption Resin

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 VOCs Adsorption Resin 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, Ecolab, Sunresin, Zhejiang Zhengguang, Jiangsu Haipu Functional Materials, Xunyang Lingsheng New Materials, Zibo Qingxin Environmental, etc.

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

Market Segmentation

VOCs Adsorption Resin 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

Alkane VOCs Adsorbent Resin

Halogenated Hydrocarbon VOCs Adsorbent Resin

Aromatic Hydrocarbon VOCs Adsorbent Resin

Alcohol, Ketone and Ester VOCs Adsorbent Resin

Mixed VOCs Adsorbent Resin

Market segment by Function

Adsorption Purification Type

Adsorption Recovery Type

Adsorption Concentration Type

Market segment by Application

Medicine Manufacturing

Coating and Printing

Petrochemical

Electronic Manufacturing

Rubber and Plastic

Other

Major players covered

DuPont

Ecolab

Sunresin

Zhejiang Zhengguang

Jiangsu Haipu Functional Materials

Xunyang Lingsheng New Materials

Zibo Qingxin Environmental

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 VOCs Adsorption Resin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of VOCs Adsorption Resin, with price, sales quantity, revenue, and global market share of VOCs Adsorption Resin from 2021 to 2026.

Chapter 3, the VOCs Adsorption Resin competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the VOCs Adsorption Resin 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 VOCs Adsorption Resin 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 VOCs Adsorption Resin.

Chapter 14 and 15, to describe VOCs Adsorption Resin sales channel, distributors, customers, research findings and conclusion.

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