

US Activated Carbon Market Size study, by Type (Powdered, Granular, Others) by Application (Water Treatment, Air & Gas Purification, Food & Beverage, Pharmaceutical & Healthcare Treatment, Others) Forecasts 2022-2032

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Abstracts

US Activated Carbon Market is valued at approximately USD 938.24 million in 2023 and is anticipated to grow with a healthy growth rate of more than 6.11% over the forecast period 2024-2032. Activated carbon is a form of carbon that has been processed to have a very large surface area. This is done by creating a network of tiny pores in the carbon. These pores traps contaminants from liquids and gases, making activated carbon a very effective filter. Activated carbon is made from a variety of carbonaceous materials, such as wood, coal, coconut shells, and even olive pits. The material is heated in the absence of oxygen, which creates the pores. The activation process also be done with chemicals. Also, there is growing emphasis on sustainable manufacturing processes in the activated carbon industry, which anticipated to support the market growth. Companies are exploring eco-friendly production methods and utilizing renewable raw materials to reduce their environmental footprint. Thus, this trend is anticipated to support the growth of the Activated Carbon Market in the US.

Moreover, stringent environmental regulations aimed at reducing air and water pollution drive the demand for activated carbon, as it is widely used for the purification of air and water. Compliance with regulations such as the Clean Air Act and Clean Water Act necessitates the use of activated carbon in industries like water treatment, automotive, and power generation. Also, the increasing need for clean and safe drinking water, both for municipal and industrial purposes, fuels the demand for activated carbon. Activated carbon is used for removing contaminants like chlorine, volatile organic compounds (VOCs), and pesticides from water, thus making it suitable for consumption and other

applications. Additionally, growing concerns about indoor air quality and the need to control volatile organic compounds (VOCs), odors, and hazardous air pollutants (HAPs) in various industries, including automotive, pharmaceuticals, and manufacturing, drive the demand for activated carbon filters. However, the fluctuating raw material prices, and availability of substitute are expected to hinder the market growth during the forecast period 2024-2032.

Major market players included in this report are:

Cabot Corporation

Carbon Activated Corporation

Company 3

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Powdered

Granular

Others

By Application

Water Treatment

Air & Gas Purification

Food & Beverage

Pharmaceutical & Healthcare Treatment

Others

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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