

# **North America Activated Carbon Market Size, Share & Trends Analysis Report By Product (Powdered, Granular), By Application (Liquid Phase, Gas Phase), By End Use (Automotive, Water Treatment), And Segment Forecasts, 2022 - 2030**

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## **Abstracts**

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### **North America Activated Carbon Market Growth & Trends**

The North America activated carbon market size is estimated to reach USD 662.6 million by 2030, registering a CAGR of 3.3% over the forecast period, according to a new report by Grand View Research, Inc. Growth can be attributed to the effectiveness of activated carbon in removing a wide variety of impurities. The efficiency of the carbon black is dependent upon its surface area. Generally, a larger internal surface area results in more efficiency of the activated carbon product. This surface area is dependent on the number of pores present on the surface; the higher the number of pores larger the surface area. Activated carbon is used on a wide scale for water treatment. Industrial and municipal wastewater contains many impurities and water treatment aims at eliminating the impurities and restoring the natural quality of water. The product plays a key role in the removal of difficult impurities from water, such as pharmaceutical micro pollutants and colorants.

There has been a rise in air and water pollution levels across the globe in the recent past. The industrial sector is a key contributor to these rising levels. This trend has forced the governments to adopt strict regulations pertaining to the treatment of wastewater as well as flue gas treatment. These regulations are favoring the product demand as it shows significant efficiency in terms of both organic as well as inorganic

particulate removal. North America is characterized by the presence of stringent regulations pertaining to air and water pollution, thus prompting a demand rise for the product. In addition, government regulatory agencies have suggested the usage of activated carbon for impurity removal. All these factors have benefitted the market in the region over the past few years and this trend is expected to continue over the forecast period.

#### North America Activated Carbon Market Report Highlights

In 2021, the powdered segment dominated the global market due to unique pore structure of powdered products

The gas-phase application segment is anticipated to grow at a significant CAGR from 2022 to 2030 due to the rising demand from air purification application

Water treatment dominated the end-use segment, in terms of volume as well as revenue, owing to the growing water scarcity problems in the region

Air purification was the second-largest end-use segment and is predicted to grow at a CAGR of 3.6% owing to the increasing health concerns regarding respiratory diseases

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