

# **Activated Carbon Market (By Product Type Segments: Powdered Activated Carbon, Granular Activated Carbon, Others; By Application: Liquid Phase, Gaseous Phase; By End Use: Water Treatment, Pharmaceutical & Medical, Automotive, Food & Beverage Processing, Air Purification, Others and By Geography: North America, Europe, Asia-Pacific and Row)) Opportunities, Growth and Forecast, 2015 - 2024**

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## **Abstracts**

Global Activated Carbon Market is expected to reach \$10.7 billion and 4.4 Kilo tons by 2024 growing at a CAGR of 10.2% and 7.9% respectively from 2016 to 2024. Activated carbon is a type of carbon processed to have small and fewer amount of volume pores that increase the surface area offered for adsorption or else chemical reactions. It is also termed as activated charcoal. They are produced from source of carbonaceous materials, for example coal, nutshells, wood, coconuts, peat, and lignite. The prime raw material used for manufacturing of activated carbon is an organic material with a major carbon content. Activated carbon is typically derived from charcoal and is occasionally utilized as biochar. Those derived from coke and coal are referred as activated coke and activated coal respectively. They are widely used in air purification, gold purification, decaffeination, water purification, metal extraction, sewage treatment, medicine, air filters in respirators and gas masks, filters in compressed air and other applications.

The major aspects to drive the activated carbon market include increasing need of water treatment plants due to water scarcity and pollutions, increasing industrialization

and urbanization in activated carbon sector, high demand in cosmetic industry, and stringent government regulations focusing to keep environment healthy in terms of safe water and air for living beings. However, high price of raw materials is expected to be a major hindrance for the market growth. Besides, rising per capita income, high pollution level, new product developments and launches are expected to equally influence the overall growth of the market in the forecast period.

The global activated carbon market is mainly classified on the basis of product type, application, end-use and geography. The classification by product type include powdered activated carbon, granular activated carbon and others. On the basis of application, the market is categorized as liquid phase and gaseous phase. By end-use the segmentation includes water treatment, pharmaceutical & medical, automotive, food & beverage processing, air purification and others. Furthermore, by geography, the market is segmented into North America, Europe, Asia-Pacific, and Rest of the World (RoW).

Based on geographical analysis, activated carbon market is segmented into North America, Europe, Asia-Pacific, Rest of the World (RoW). North America is further bifurcated in U.S., Canada, and Mexico whereas Europe consist of UK, Russia, Germany, Italy, France, and others. Asia-Pacific is segmented into China, India, Japan, South Korea, Taiwan, and others while RoW is bifurcated into South America, Middle East, and Africa.

The key players operating in the global activated carbon market are Jacobi Carbons AB, Siemens Water Technologies Corp., ADA-ES, INC., Calgon Carbon Corporation, Kureha Corporation, Carbon Resources LLC, Carbo Tech AC GmbH, Cabot Corporation, Carbon Activated Corp., and CLARINEX Group among others.

The key takeaways from the report

The report will provide detailed analysis of Activated Carbon Market with respect to major segments such as product type, application, and end-use

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Activated Carbon Market has been included in the report

Profile of the key players in the Activated Carbon Market will be provided, which include key financials, product & services, new developments and business strategies

## Scope of Activated Carbon Market

### Product Type Segments

Powdered Activated Carbon

Granular Activated Carbon

Others

### Application Segments

Liquid Phase

Gaseous Phase

### End-Use Segments

Water Treatment

Pharmaceutical & Medical

Automotive

Food & Beverage Processing

Air Purification

Others

## Geographical Segments:

North America

U.S.

Canada

Mexico

Europe

UK

Russia

Germany

Italy

France

Others

Asia Pacific

China

India

Japan

South Korea

Taiwan

Others

RoW

South America

Middle East

Africa

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