

# **Coal Based Activated Carbon Market Size, Share & Trends Analysis Report By Product (Powdered Activated Carbon, Granular Activated Carbon), By End Use (Water Treatment, Air Purification), By Region, And Segment Forecasts, 2025 - 2030**

<https://marketpublishers.com/r/CD8795C59450EN.html>

Date: January 2025

Pages: 80

Price: US\$ 5,950.00 (Single User License)

ID: CD8795C59450EN

## **Abstracts**

This report can be delivered to the clients within 6 Business Days

### **Coal Based Activated Carbon Market Growth & Trends**

The global coal based activated carbon market size is projected to reach USD 4.60 billion by 2030, expanding at a CAGR of 6.0% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is driven by demand from application industries such as gold, sugar, and air and water purification.

Air purification is the fastest growing end-use segment in the market. Rising demand for activated charcoal in air purification applications from commercial as well as domestic users is anticipated to drive segment growth in the coming years. The high adsorption property of the product allows it to remove odors, volatile organic compounds (VOCs), and other gaseous pollutants from the air, thus making it suitable for household purposes.

North America is the second-largest coal-based activated carbon market due to high consumption of the product in water treatment, air and gas purification, and pharmaceuticals. Major manufacturers in the region, such as Calgon Carbon Corp and Ecologix Environment Systems, LLC, have contributed to the growth. Activated charcoal is mainly used in mercury removal in industrialized countries such as U.S., Canada, and Mexico. Export of the product in North America has drastically reduced

owing to new legislation established by the U.S. Environmental Protection Agency (EPA). The implementation of coal combustions and waste emission norms has directly impacted the production of activated carbon.

### Coal Based Activated Carbon Market Report Highlights

The powdered activated carbon segment accounted for the largest revenue share of 59.4%, in 2024 and is expected to continue to dominate the industry over the forecast period.

The water treatment segment dominated the market with a revenue share of 42.6% in 2024. The increasing use of coal-based activated carbon in both small-scale and large-scale water systems to remove chlorine and organic matter is anticipated to drive growth during the forecast period.

The Asia Pacific coal based activated carbon market is dominant in the global market, Rapid industrialization in the region is anticipated to increase the demand for coal-based activated carbon throughout the forecast period.

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Information Analysis
  - 1.3.2. Market Formulation & Data Visualization
  - 1.3.3. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
  - 1.4.1. List of Data Sources

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Segmental Outlook
- 2.3. Competitive Outlook

### CHAPTER 3. MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Global Coal Based Activated Carbon Market Outlook
- 3.2. Value Chain Analysis
  - 3.2.1. Raw Material Outlook
  - 3.2.2. Manufacturing/Technology Outlook
  - 3.2.3. Sales Channel Analysis
- 3.3. Price Trend Analysis
  - 3.3.1. Factors Influencing Prices
- 3.4. Regulatory Framework
  - 3.4.1. Standards & Compliances
- 3.5. Market Dynamics
  - 3.5.1. Market Driver Analysis
  - 3.5.2. Market Restraint Analysis
  - 3.5.3. Market Challenges Analysis
  - 3.5.4. Market Opportunity Analysis
- 3.6. Porter's Five Forces Analysis
  - 3.6.1. Bargaining Power of Suppliers
  - 3.6.2. Bargaining Power of Buyers
  - 3.6.3. Threat of Substitution

- 3.6.4. Threat of New Entrants
- 3.6.5. Competitive Rivalry
- 3.7. PESTLE Analysis
  - 3.7.1. Political
  - 3.7.2. Economic
  - 3.7.3. Social Landscape
  - 3.7.4. Technology
  - 3.7.5. Environmental
  - 3.7.6. Legal

## **CHAPTER 4. COAL BASED ACTIVATED CARBON MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

- 4.1. Coal Based Activated Carbon Market: Product Movement Analysis, 2023 & 2030
- 4.2. Powdered Activated Carbon
  - 4.2.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 4.3. Granular Activated Carbon
  - 4.3.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 4.4. Other Activated Carbon
  - 4.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 5. COAL BASED ACTIVATED CARBON MARKET: END USE ESTIMATES & TREND ANALYSIS**

- 5.1. Coal Based Activated Carbon Market: End Use Movement Analysis, 2023 & 2030
- 5.2. Water Treatment
  - 5.2.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 5.3. Food & Beverage Processing
  - 5.3.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 5.4. Pharmaceutical & Medical
  - 5.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 5.5. Automotive
  - 5.5.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 5.6. Air Purification
  - 5.6.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
- 5.7. Other End Uses
  - 5.7.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 6. COAL BASED ACTIVATED CARBON MARKET: REGIONAL**

## ESTIMATES & TREND ANALYSIS

### 6.1. Regional Analysis, 2023 & 2030

#### 6.2. North America

6.2.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.2.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.2.3. Market estimates and forecasts by end-use, 2018 - 2030 (USD Million)

##### 6.2.4. U.S.

6.2.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.2.4.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.2.4.3. Market estimates and forecasts, by end-use, 2018 - 2030 (USD Million)

##### 6.2.5. Canada

6.2.5.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.2.5.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.2.5.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.3. Europe

6.3.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.3.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.3.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

##### 6.3.4. Germany

6.3.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.3.4.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.3.4.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

##### 6.3.5. UK

6.3.5.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.3.5.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.3.5.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.4. Asia Pacific

6.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

##### 6.4.4. China

6.4.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.4.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.4.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

##### 6.4.5. India

6.4.5.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.5.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.5.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.4.6. Japan

6.4.6.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.6.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.6.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.4.7. South Korea

6.4.7.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.7.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.7.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.4.8. Indonesia

6.4.8.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.4.8.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.4.8.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.5. Latin America

6.5.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.5.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.5.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.5.4. Brazil

6.5.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.5.4.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.5.4.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

#### 6.6. Middle East & Africa

6.6.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

6.6.2. Market estimates and forecasts, by product, 2018 - 2030 (USD Million)

6.6.3. Market estimates and forecasts, by end use, 2018 - 2030 (USD Million)

### **CHAPTER 7. COMPETITIVE LANDSCAPE**

#### 7.1. Recent Developments by Key Market Participants

#### 7.2. Company Categorization

#### 7.3. Company Heat Map Analysis

#### 7.4. Company Market Positioning Analysis, 2024

#### 7.5. Strategy Mapping

#### 7.6. Company Profiles/Listing

##### 7.6.1. Osaka Gas Co., Ltd.

###### 7.6.1.1. Company Overview

###### 7.6.1.2. Financial Performance

###### 7.6.1.3. Product Benchmarking

##### 7.6.2. Cabot Corporation

###### 7.6.2.1. Company Overview

- 7.6.2.2. Financial Performance
- 7.6.2.3. Product Benchmarking
- 7.6.3. Kuraray Co. Ltd.
  - 7.6.3.1. Company Overview
  - 7.6.3.2. Financial Performance
  - 7.6.3.3. Product Benchmarking
- 7.6.4. Haycarb Plc
  - 7.6.4.1. Company Overview
  - 7.6.4.2. Financial Performance
  - 7.6.4.3. Product Benchmarking
- 7.6.5. Argana Group
  - 7.6.5.1. Company Overview
  - 7.6.5.2. Financial Performance
  - 7.6.5.3. Product Benchmarking
- 7.6.6. Veolia
  - 7.6.6.1. Company Overview
  - 7.6.6.2. Financial Performance
  - 7.6.6.3. Product Benchmarking
- 7.6.7. Evoqua Water Technologies Corp.
  - 7.6.7.1. Company Overview
  - 7.6.7.2. Financial Performance
  - 7.6.7.3. Product Benchmarking
- 7.6.8. Arkema
  - 7.6.8.1. Company Overview
  - 7.6.8.2. Financial Performance
  - 7.6.8.3. Product Benchmarking
- 7.6.9. Calgon Carbon Corporation
  - 7.6.9.1. Company Overview
  - 7.6.9.2. Financial Performance
  - 7.6.9.3. Product Benchmarking
- 7.6.10. Donau Carbon GmbH
  - 7.6.10.1. Company Overview
  - 7.6.10.2. Financial Performance
  - 7.6.10.3. Product Benchmarking
- 7.6.11. Oriental International (Pvt) Ltd.
  - 7.6.11.1. Company Overview
  - 7.6.11.2. Financial Performance
  - 7.6.11.3. Product Benchmarking
- 7.6.12. CarboTech

- 7.6.12.1. Company Overview
- 7.6.12.2. Financial Performance
- 7.6.12.3. Product Benchmarking



## I would like to order

Product name: Coal Based Activated Carbon Market Size, Share & Trends Analysis Report By Product (Powdered Activated Carbon, Granular Activated Carbon), By End Use (Water Treatment, Air Purification), By Region, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/CD8795C59450EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CD8795C59450EN.html>