

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.

Contents

CHAPTER 1. US ACTIVATED CARBON MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. US Activated Carbon Market Size & Forecast (2022- 2032)
- 2.2. Segmental Summary
 - 2.2.1. By Type
 - 2.2.2. By Application
- 2.3. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US ACTIVATED CARBON MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges

3.3. Market Opportunities

CHAPTER 4. US ACTIVATED CARBON MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US ACTIVATED CARBON MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Powdered

5.2. Granular

5.3. Others

CHAPTER 6. US ACTIVATED CARBON MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

6.1. Water Treatment

6.2. Air & Gas Purification

6.3. Food & Beverage

6.4. Pharmaceutical & Healthcare Treatment

6.5. Others

CHAPTER 7. COMPETITIVE INTELLIGENCE

7.1. Key Company SWOT Analysis

7.1.1. Company

7.1.2. Company

7.1.3. Company

7.2. Top Market Strategies

7.3. Company Profiles

7.3.1. Cabot Corporation

7.3.1.1. Key Information

7.3.1.2. Overview

7.3.1.3. Financial (Subject to Data Availability)

7.3.1.4. Product Summary

7.3.1.5. Market Strategies

7.3.2. Carbon Activated Corporation

7.3.3. Company

7.3.4. Company

7.3.5. Company

7.3.6. Company

7.3.7. Company

7.3.8. Company

7.3.9. Company

7.3.10. Company

CHAPTER 8. RESEARCH PROCESS

8.1. Research Process

8.1.1. Data Mining

8.1.2. Analysis

8.1.3. Market Estimation

8.1.4. Validation

8.1.5. Publishing

8.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. US Activated Carbon market, report scope

TABLE 2. US Activated Carbon market estimates & forecasts by Type 2022-2032 (USD Million)

TABLE 3. US Activated Carbon market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 4. US Activated Carbon market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 5. US Activated Carbon market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. US Activated Carbon market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. US Activated Carbon market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. US Activated Carbon market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. U.S. Activated Carbon market estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. U.S. Activated Carbon market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 11. U.S. Activated Carbon market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 12. List of secondary sources, used in the study of US Activated Carbon Market.

TABLE 13. List of primary sources, used in the study of US Activated Carbon Market.

TABLE 14. Years considered for the study.

TABLE 15. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. US Activated Carbon market, research methodology
- FIG 2. US Activated Carbon market, market estimation techniques
- FIG 3. US market size estimates & forecast methods.
- FIG 4. US Activated Carbon market, key trends 2023
- FIG 5. US Activated Carbon market, growth prospects 2022-2032
- FIG 6. US Activated Carbon market, porters 5 force model
- FIG 7. US Activated Carbon market, pestel analysis
- FIG 8. US Activated Carbon market, value chain analysis
- FIG 9. US Activated Carbon market by segment, 2022 & 2032 (USD Million)
- FIG 10. US Activated Carbon market by segment, 2022 & 2032 (USD Million)
- FIG 11. US Activated Carbon market by segment, 2022 & 2032 (USD Million)
- FIG 12. US Activated Carbon market by segment, 2022 & 2032 (USD Million)
- FIG 13. US Activated Carbon market by segment, 2022 & 2032 (USD Million)
- FIG 14. US Activated Carbon market, company market share analysis (2023)

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