

United States Activated Carbon Market Report and Forecast 2024-2032

Market Report | 2024-02-13 | 188 pages | EMR Inc.

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Report description:

United States Activated Carbon Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the United States activated carbon market reached a value of USD 425.71 million in 2023. Aided by the stringent environmental regulations and a growing emphasis on purification processes across various industries, the market is projected to further grow at a CAGR of 4.2% between 2024 and 2032 to reach a value of USD 618.85 million by 2032.

Activated carbon, renowned for its excellent adsorption properties, plays a pivotal role in various applications, including water treatment, air purification, chemical processing, and pharmaceuticals. Its ability to effectively remove contaminants and impurities makes it an indispensable component in addressing environmental pollution and ensuring public health and safety. The United States activated carbon market growth is driven by an array of factors, chief among them being the stringent environmental regulations imposed by federal and state governments. These regulations, aimed at curbing pollution and safeguarding environmental and public health, have necessitated the adoption of effective purification and treatment solutions, thereby bolstering the demand for activated carbon.

Moreover, the increasing industrial activities across sectors such as manufacturing, pharmaceuticals, and food and beverage, coupled with the growing awareness of the health hazards associated with pollution, have further amplified the United States activated carbon market demand. The market is also witnessing a surge in demand from the water treatment sector, where activated carbon is used extensively to purify drinking water and treat industrial wastewater, aligning with the global push towards sustainable water management practices.

Technological advancements in activated carbon production and regeneration processes have significantly contributed to market growth, enhancing efficiency and enabling the development of products with superior adsorption capabilities. These innovations have expanded the applicability of activated carbon, opening new avenues for its use in emerging sectors such as renewable energy and electric vehicles.

Looking forward, the United States activated carbon market outlook is likely to be influenced by the continued enforcement of environmental regulations and the escalating demand for purification technologies across multiple industries. The increasing focus on sustainability and the transition towards greener alternatives will further propel the demand for activated carbon, especially in

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applications that contribute to environmental conservation and pollution control.

Market Segmentation

The market can be divided based on form, raw material, phase, end use, and region.

Market Breakup by Form

- Powdered Activated Carbon
- Granular Activated Carbon
- Others

Market Breakup by Raw Material

- Coal
- Coconut
- Wood
- Others

Market Breakup by Phase

- Liquid Phase
- Gaseous Phase

Market Breakup by End Use

- Water Treatment
- Food and Beverage
- Pharmaceutical and Medical
- Automotive
- Air Purification
- Others

Market Breakup by Region

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the United States activated carbon market. Some of the major players explored in the report by Expert Market Research are as follows:

- Cabot Corporation
- Invida Limited (CPL Activated Carbons)
- Kuraray Co., Ltd.
- Puragen Activated carbon
- Ingevity Corporation
- Carbon Activated Corporation
- Hangzhou Nature Technology Co., Ltd.
- CarbUSA LLC
- Carbon Solutions, LLC
- Donau Chemie AG
- Others

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Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 North America Activated Carbon Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 North America Activated Carbon Historical Market (2018-2023)
 - 8.3 North America Activated Carbon Market Forecast (2024-2032)
 - 8.4 North America Activated Carbon Market Share by Country
 - 8.4.1 United States
 - 8.4.2 Canada
- 9 United States Activated Carbon Market Overview
 - 9.1 Key Industry Highlights
 - 9.2 United States Activated Carbon Historical Market (2018-2023)
 - 9.3 United States Activated Carbon Market Forecast (2024-2032)
- 10 United States Activated Carbon Market by Form
 - 10.1 Powdered Activated Carbon
 - 10.1.1 Historical Trend (2018-2023)
 - 10.1.2 Forecast Trend (2024-2032)
 - 10.2 Granular Activated Carbon
 - 10.2.1 Historical Trend (2018-2023)
 - 10.2.2 Forecast Trend (2024-2032)

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- 10.3 Others
- 11 United States Activated Carbon Market by Raw Material
 - 11.1 Coal
 - 11.1.1 Historical Trend (2018-2023)
 - 11.1.2 Forecast Trend (2024-2032)
 - 11.2 Coconut
 - 11.2.1 Historical Trend (2018-2023)
 - 11.2.2 Forecast Trend (2024-2032)
 - 11.3 Wood
 - 11.3.1 Historical Trend (2018-2023)
 - 11.3.2 Forecast Trend (2024-2032)
 - 11.4 Others
- 12 United States Activated Carbon Market by Phase
 - 12.1 Liquid Phase
 - 12.1.1 Historical Trend (2018-2023)
 - 12.1.2 Forecast Trend (2024-2032)
 - 12.2 Gaseous Phase
 - 12.2.1 Historical Trend (2018-2023)
 - 12.2.2 Forecast Trend (2024-2032)
- 13 United States Activated Carbon Market by End Use
 - 13.1 Water Treatment
 - 13.1.1 Historical Trend (2018-2023)
 - 13.1.2 Forecast Trend (2024-2032)
 - 13.2 Food and Beverage
 - 13.2.1 Historical Trend (2018-2023)
 - 13.2.2 Forecast Trend (2024-2032)
 - 13.3 Pharmaceutical and Medical
 - 13.3.1 Historical Trend (2018-2023)
 - 13.3.2 Forecast Trend (2024-2032)
 - 13.4 Automotive
 - 13.4.1 Historical Trend (2018-2023)
 - 13.4.2 Forecast Trend (2024-2032)
 - 13.5 Air Purification
 - 13.5.1 Historical Trend (2018-2023)
 - 13.5.2 Forecast Trend (2024-2032)
 - 13.6 Others
- 14 United States Activated Carbon Market by Region
 - 14.1 New England
 - 14.1.1 Historical Trend (2018-2023)
 - 14.1.2 Forecast Trend (2024-2032)
 - 14.2 Mideast
 - 14.2.1 Historical Trend (2018-2023)
 - 14.2.2 Forecast Trend (2024-2032)
 - 14.3 Great Lakes
 - 14.3.1 Historical Trend (2018-2023)
 - 14.3.2 Forecast Trend (2024-2032)
 - 14.4 Plains

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- 14.4.1 Historical Trend (2018-2023)
- 14.4.2 Forecast Trend (2024-2032)
- 14.5 Southeast
 - 14.5.1 Historical Trend (2018-2023)
 - 14.5.2 Forecast Trend (2024-2032)
- 14.6 Southwest
 - 14.6.1 Historical Trend (2018-2023)
 - 14.6.2 Forecast Trend (2024-2032)
- 14.7 Rocky Mountain
 - 14.7.1 Historical Trend (2018-2023)
 - 14.7.2 Forecast Trend (2024-2032)
- 14.8 Far West
 - 14.8.1 Historical Trend (2018-2023)
 - 14.8.2 Forecast Trend (2024-2032)
- 15 Market Dynamics
 - 15.1 SWOT Analysis
 - 15.1.1 Strengths
 - 15.1.2 Weaknesses
 - 15.1.3 Opportunities
 - 15.1.4 Threats
 - 15.2 Porter's Five Forces Analysis
 - 15.2.1 Supplier's Power
 - 15.2.2 Buyer's Power
 - 15.2.3 Threat of New Entrants
 - 15.2.4 Degree of Rivalry
 - 15.2.5 Threat of Substitutes
 - 15.3 Key Indicators for Demand
 - 15.4 Key Indicators for Price
- 16 Value Chain Analysis
- 17 Trade Data Analysis (HS Code - 3802)
 - 17.1 Major Importing Countries
 - 17.1.1 By Volume
 - 17.1.2 By Value
 - 17.2 Major Exporting Countries
 - 17.2.1 By Volume
 - 17.2.2 By Value
- 18 Price Analysis
- 19 Competitive Landscape
 - 19.1 Market Structure
 - 19.2 Company Profiles
 - 19.2.1 Cabot Corporation
 - 19.2.1.1 Company Overview
 - 19.2.1.2 Product Portfolio
 - 19.2.1.3 Demographic Reach and Achievements
 - 19.2.1.4 Certifications
 - 19.2.2 Invica Limited (CPL Activated Carbons)
 - 19.2.2.1 Company Overview

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- 19.2.2.2 Product Portfolio
 - 19.2.2.3 Demographic Reach and Achievements
 - 19.2.2.4 Certifications
 - 19.2.3 Kuraray Co., Ltd.
 - 19.2.3.1 Company Overview
 - 19.2.3.2 Product Portfolio
 - 19.2.3.3 Demographic Reach and Achievements
 - 19.2.3.4 Certifications
 - 19.2.4 Puragen Activated carbon
 - 19.2.4.1 Company Overview
 - 19.2.4.2 Product Portfolio
 - 19.2.4.3 Demographic Reach and Achievements
 - 19.2.4.4 Certifications
 - 19.2.5 Ingevity Corporation
 - 19.2.5.1 Company Overview
 - 19.2.5.2 Product Portfolio
 - 19.2.5.3 Demographic Reach and Achievements
 - 19.2.5.4 Certifications
 - 19.2.6 Carbon Activated Corporation
 - 19.2.6.1 Company Overview
 - 19.2.6.2 Product Portfolio
 - 19.2.6.3 Demographic Reach and Achievements
 - 19.2.6.4 Certifications
 - 19.2.7 Hangzhou Nature Technology Co., Ltd.
 - 19.2.7.1 Company Overview
 - 19.2.7.2 Product Portfolio
 - 19.2.7.3 Demographic Reach and Achievements
 - 19.2.7.4 Certifications
 - 19.2.8 CarbUSA LLC
 - 19.2.8.1 Company Overview
 - 19.2.8.2 Product Portfolio
 - 19.2.8.3 Demographic Reach and Achievements
 - 19.2.8.4 Certifications
 - 19.2.9 Carbon Solutions, LLC
 - 19.2.9.1 Company Overview
 - 19.2.9.2 Product Portfolio
 - 19.2.9.3 Demographic Reach and Achievements
 - 19.2.9.4 Certifications
 - 19.2.10 Donau Chemie AG
 - 19.2.10.1 Company Overview
 - 19.2.10.2 Product Portfolio
 - 19.2.10.3 Demographic Reach and Achievements
 - 19.2.10.4 Certifications
 - 19.2.11 Others
- 20 Key Trends and Developments in the Market

List of Key Figures and Tables

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1. North America Activated Carbon Market: Key Industry Highlights, 2018 and 2032
2. United States Activated Carbon Market: Key Industry Highlights, 2018 and 2032
3. United States Activated Carbon Historical Market: Breakup by Form (USD Million), 2018-2023
4. United States Activated Carbon Market Forecast: Breakup by Form (USD Million), 2024-2032
5. United States Activated Carbon Historical Market: Breakup by Raw Material (USD Million), 2018-2023
6. United States Activated Carbon Market Forecast: Breakup by Raw Material (USD Million), 2024-2032
7. United States Activated Carbon Historical Market: Breakup by Phase (USD Million), 2018-2023
8. United States Activated Carbon Market Forecast: Breakup by Phase (USD Million), 2024-2032
9. United States Activated Carbon Historical Market: Breakup by End Use (USD Million), 2018-2023
10. United States Activated Carbon Market Forecast: Breakup by End Use (USD Million), 2024-2032
11. United States Activated Carbon Historical Market: Breakup by Region (USD Million), 2018-2023
12. United States Activated Carbon Market Forecast: Breakup by Region (USD Million), 2024-2032
13. Major Importing Countries by Volume
14. Major Exporting Countries by Volume
15. Major Importing Countries by Value
16. Major Exporting Countries by Value
17. United States Activated Carbon Market Structure

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