

Activated Carbon – A Global Market Overview

The report reviews, analyzes and projects the global market for Activated Carbon for the period 2012-2022

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SUMMARY

Global demand for activated carbon is on an upswing, with prospects for future growth looking quite healthy. Activated carbon's outstanding capability in adsorbing a number of impurities from liquids and gases renders it to be used on an extensive basis in several applications concerning air and water purification. Additional application areas for the material include the automotive, food & beverage and medical & pharmaceutical industries, albeit on a limited basis. The future market for activated carbon is also likely to derive benefit from a continuous stream of openings from a number of industrial processes that employ adsorption technologies.

Regulations related to water and air pollution across the world have a major role to play in influencing demand for activated carbon. Several countries across the globe are confronting the challenge of depleting clean water resources due to growing population. Rising levels of contaminated groundwater need purification and activated carbon offers a potent solution for overcoming this hurdle. The Disinfectants and Disinfection Byproducts Rule in the United States that puts a cap on the allowable concentration of chemicals in drinking water is also likely to drive growth for activated carbon.

The supply of raw material for activated carbon has been tight and producers have been compelled to increase prices of virgin activated carbon. This scenario has led to fueling demand for reactivated carbon in various areas, such as refineries for reducing VOCs in gas phase applications, groundwater remediation and wastewater treatment processes.

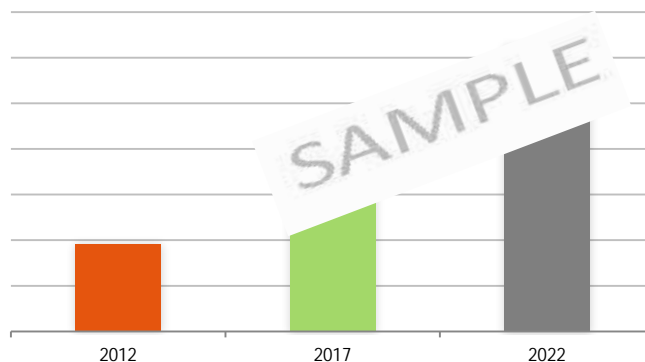
Worldwide market for Activated Carbon product segments explored in this study includes Granular Activated Carbon, Powdered Activated Carbon and Other Activated Carbons. The report also analyzes the key applications of Activated Carbon comprising Gas Phase applications and Liquid Phase applications while discussing the major end-use sector markets covering Air Purification, Automotive Canisters, Food & Beverages, Medical & Pharmaceutical, Water Treatment and Others. The global markets for the above mentioned product types, application areas and end-use sectors are analyzed in terms of both in metric tons and

USD. Global market for activated carbon, estimated at US\$2.7 billion in 2015, forecast at US\$3 billion in 2016 and further expected to maintain a robust CAGR of 12.8% between 2016 and 2022 to reach a projected US\$6.2 billion by 2022.

This report reviews, analyses and projects the activated carbon market for the period 2012-2022 globally and the regional markets including North America, Europe, Asia-Pacific, South America and Rest of World. The regional markets further analyzed for 15 independent countries across North America – The United States, Canada and Mexico; Europe – France, Germany, Italy, Spain, Russia and the United Kingdom; Asia-Pacific – China, India, Japan and South Korea; South America – Argentina and Brazil.

This 585 page global market research report includes 367 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 49 key global players and 80 major players across North America – 22; Europe – 8; Asia-Pacific – 49; and South America 1. The research also provides the listing of the companies engaged in manufacturing and supply of Activated Carbon. The global list of companies covers the address, contact numbers and the website addresses of 227 companies.

Global Activated Carbon Market Overview (2012-2022) in Value (USD Million)



SAMPLE COMPANY PROFILE

ADA CARBON SOLUTIONS, LLC (UNITED STATES)

1460 W. Canal Court Littleton
 Colorado 80120-5632, United States
 Phone: 303-962-1977
 Fax: 866-316-5553
 Website: www.ada-cs.com

Business Overview

ADA Carbon Solutions, LLC was established in 2008 with headquarters in Colorado, United States and is a leading provider of activated carbon products designed for optimal mercury removal in emission control applications. The company is engaged in the research, development, and supply of powdered activated carbons mainly for various industrial sectors such as power generation (comprising renewable energy facilities), electric transmission, midstream gas (encompassing gas storage, pipelines and other related assets), and other infrastructure assets (like coal transportation, handling and reserves, and energy service companies).

Product Portfolio

Product	Particulars
PowerPAC™	Is a high quality powdered activated carbon (PAC) used to capture and control mercury in halogen-containing flue gas; optimized for flue gas mercury capture and sequestration
PowerPAC Premium®	Is a halogenated powdered activated carbon (PAC) mainly designed for effective flue gas mercury removal in low-halogen applications such as powder river basin coals, lignite coals, and biomass
PowerPAC Premium Plus™	Is a halogenated PAC integrated with advanced halogen treatment for enhancing the oxidation of mercury and offer optimized mercury control in more-challenging low-halogen flue gas applications
FastPAC™ Series	Includes FastPAC™ and the brominated FastPAC Premium™; patent-pending, next-generation powdered activated carbons designed for quick and efficient removal of mercury from the flue gas of power plants and other coal-fired facilities
FastPAC™	Is a patent-pending next-generation non-brominated coal and lignite feedstock based PAC designed for quick and efficient mercury removal from the flue gas of power plants and other coal-fired units, especially in systems with pre-oxidized mercury
FastPAC Premium®	Is a patent-pending next-generation halogenated PAC designed for quick and efficient mercury capture from the flue gas of power plants and other coal-fired units, especially in systems with a need for effective oxidation of mercury

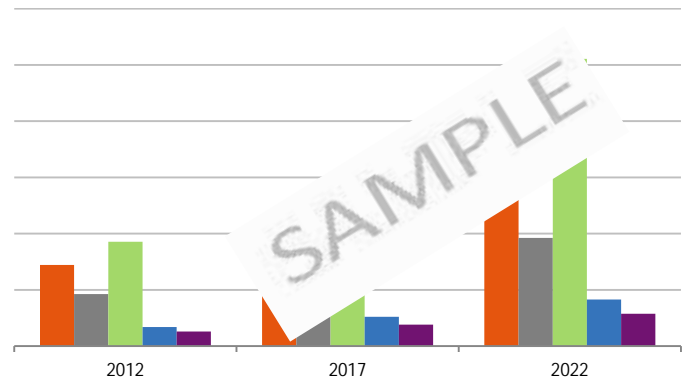
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SAMPLE TABLE/CHART

Glance at 2017 Global Activated Carbon Volume Market Share (%) by End-Use Sector – Air Purification, Automotive Canisters, Food & Beverages, Medical & Pharmaceutical, Water Treatment and Others



Global Granulated Activated Carbon (GAC) Market Analysis (2012-2022) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World in '000 Metric Tons



KEY PLAYERS PROFILED

- Activated Carbon Technologies Pty Ltd
- Active Char Products Pvt. Ltd.
- ADA Carbon Solutions, LLC
- Advanced Emissions Solutions, Inc
- Albemarle Corporation
- Arkema S.A.
- Asbury Carbons Incorporated
- Cabot Corporation
- Calgon Carbon Corporation
- Clarimex
- CPL Carbon Link Limited
- Desotec N.V.-S.A.
- Donau Chemie AG
- Golden Lake Carbon Co., Ltd
- Goldstar Carbon Tech Inc.
- Hayleys PLC
- Kalpaka Chemicals Private Limited
- Osaka Gas Chemicals Co., Ltd.
- Oxbow Carbon Llc
- Pacific Activated Carbon Company
- Philippine-Japan Active Carbon Corporation

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