

Activated Carbon – A Global Market Overview

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Abstracts

REPORT SYNOPSIS

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, although 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.

Anticipation of the imminent development and availability of suitable vaccines against this pandemic has given impetus to manufacturing activities across the world and this is reflected in the market for Activated Carbon. The highs of demand witnessed during 2017-2019 are likely to taper off in 2020 and pick up momentum sometime during 2022, which will again depend on the ground situation.

Research Findings & Coverage

This global market research report on Activated Carbon analyzes the market with respect to product segments, applications and end-use sectors

Activated Carbon market size is estimated/projected in this report by product segment, application and by end-use sector across all major countries

Jatropha Husk-Based Activated Carbon Effective in Purifying Water

Activated Carbon Filters Developed for Removing NO₂ and HONO from Indoor Air

Biological Activated Carbon Treatment Gaining Traction for Advanced Water and Wastewater Treatment

Prospects for Energy Storage Enhanced with New Carbon Developed

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 80

The industry guide includes the contact details for 227 companies

PRODUCT OUTLINE

The market for product segments of Activated Carbon studied in this report comprise the following:

Granular Activated Carbon (GAC)

Powdered Activated Carbon (PAC)

Other Activated Carbons

The report analyzes the market for the following applications of Activated Carbon:

Gas Phase

Liquid Phase

End-Use Sectors Market for Activated Carbon Explored in this report comprises:

Air Purification

Automotive Canisters

Food & Beverages

Medical & Pharmaceutical

Water Treatment

Others

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Activated Carbon market for the period 2017-2026 in terms of volume in metric tons and value in US\$; and the compound annual growth rates (CAGRs) projected from 2019 through to 2026 with a special focus on y-o-y growth for 2019-2020.

Geographic Coverage

North America (The United States and Mexico)

Europe (France, Germany, Italy, Spain, Russia, the United Kingdom and Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)

South America (Argentina, Brazil and Rest of South America)

Rest of World (Middle East & Africa)

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Active Char Products Pvt. Ltd. (India)
ADA Carbon Solutions, LLC (United States)
Advanced Emissions Solutions, Inc. (United States)
Albemarle Corporation (United States)
Arkema S.A. (France)
Asbury Carbons Incorporated (United States)
Babcock Power Inc. (United States)
Boyce Carbon (India)
Cabot Corporation (United States)
Calgon Carbon Corporation (United States)
Capital Carbon (India)
Carbochem Inc. (United States)
Carbon Activated Corp. (United States)
Clarimex (Mexico)
Datong Coal Jinding Activated Carbon Co. Ltd. (China)
Datong Municipal Yunguang Activated Carbon Co., Ltd. (China)
Donau Chemie AG (Austria)
Evoqua Water Technologies Llc (United States)
Fujian Xinsen Carbon Co. Ltd. (China)
Fujian Yuanli Active Carbon Industrial Co., Ltd. (China)
Fujian Zhixing Activated Carbon Co., Ltd. (China)
Futamura Chemical Co., Limited (Japan)
Golden Lake Carbon Co., Ltd (China)
Goldstar Carbon Tech Inc. (Taiwan)
Hangzhou Hengxing Activated Carbon Co., Ltd. (China)
Hayleys Plc (Sri Lanka)
Indo German Carbons Limited (India)
Ingevity Corporation (United States)
Jayeon Science Industry Co., Ltd. (South Korea)
Jiangsu Zhuxi Activated Carbon Co., Ltd. (China)
Kalpaka Chemicals Private Limited (India)
Kan-Carbon Private Limited (India)
Kuraray Co., Ltd. (Japan)
Kureha Corporation (Japan)
Ningxia Guanghua-Cherishmet Activated Carbon Co., Ltd. (China)
Ningxia Huahui Activated Carbon Company Limited (China)
Nucon International, Inc. (United States)
Osaka Gas Chemicals Co., Ltd. (Japan)

Oxbow Carbon LLC (United States)
Pacific Activated Carbon Company (Philippines)
Philippine-Japan Active Carbon Corporation (Philippines)
PT. Intan Prima Group (Indonesia)
Shanghai MeBao Activated Carbon Co., Ltd. (China)
Shanghai Xing Chang Activated Carbon Co., Ltd. (China)
Shanxi Xinhua Chemical Co., Ltd. (China)
Shinkwang Chemical Industry Co., Ltd. (South Korea)

5. KEY BUSINESS TRENDS

ADES to Supply Activated Carbon to Cabot
Albemarle Collaborates with U.S. Department of Energy for Lithium Research Projects
Cabot to Increase its Prices for Carbon Black Products
Calgon Integrates Activated Carbon Recycling Furnace in Belgium
Chemviron S.A to Expand its Reactivated Carbon in Belgium
ADES Announce the Lease of Refined Coal Facility
Ingevity's Nuchar Activated Carbon is Ideal in Automotive Applications
Calgon Boosts Mississippi Activated Carbon Plant
Cabot Acquires SUSN
DESOTEC SA Opens New Reactivation Plant in Roeselare, Belgium
ExxonMobil and Albemarle Join Hands to Create Galexia Platform
Albemarle Enters an Agreement with MRL
Kuraray Participates in G20 Innovation Exhibition
Desotec Expands Reactivation Plant in Belgium
Calgon Increase Global Prices on Activated Carbon Products
Ingevity Establish New Activated Carbon Facility in China
Albemarle Unveils XPLORE catalyst Platform
AquaNuchar Activated Carbon from Ingevity Helps in Water Cleaning
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Advanced Emissions Solutions, Inc. (United States)
ADA-ES, Inc. (United States)
Albemarle Corporation (United States)
Asbury Carbons Incorporated (United States)
Babcock Power Inc. (United States)
Cabot Corporation (United States)
Cabot Norit Activated Carbon Americas (United States)
Calgon Carbon Corporation (United States)
Chemviron Carbon (Belgium)
California Carbon Co., Inc. (United States)
Cameron Great Lakes, Inc. (United States)
Carbochem Inc. (United States)
Carbon Activated Corp. (United States)
Clarimex (Mexico)
Evoqua Water Technologies LLC (United States)
Ingevity Corporation (United States)
Purification Cellutions, Llc (United States)
Nucon International, Inc. (United States)
Oxbow Carbon LLC (United States)
Oxbow Activated Carbon Llc (United States)
Standard Purification LLC (United States)

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CECA (FRANCE)

CPL Carbon Link Limited (United Kingdom)

Desotec N.V.-S.A. (Belgium)

Donau Chemie AG (Austria)

International Chemical Investors SE (Luxembourg)

CarboTech AC GmbH (Germany)

Silcarbon Aktivkohle GmbH (Germany)

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Active Char Products Pvt. Ltd. (India)

Boyce Carbon (India)

Capital Carbon (India)

Carbonscape Ltd (New Zealand)

Datong Coal Jinding Activated Carbon Co. Ltd. (China)

Datong Fuping Activated Carbon (China)

Datong Locomotive Coal & Chemicals Co., Ltd. (China)

Datong Municipal Yunguang Activated Carbon Co., Ltd. (China)

Fujian Xinsen Carbon Co. Ltd. (China)

Fujian Yuanli Active Carbon Industrial Co., Ltd. (China)

Fujian Zhixing Activated Carbon Co., Ltd. (China)

Futamura Chemical Co., Limited (Japan)

Golden Lake Carbon Co., Ltd (China)

Goldstar Carbon Tech Inc. (Taiwan)

Hangzhou Hengxing Activated Carbon Co., Ltd. (China)

Hayleys PLC (Sri Lanka)

Haycarb PLC (Sri Lanka)

Eurocarb (United Kingdom)

Puritas Limited (Sri Lanka)

Huairan Huanyu Purification Materials Co., Ltd. (China)

INDO German Carbons Limited (India)

Inner Mongolia Taixi Coal Group (China)

Jayeon Science Industry Co., Ltd. (South Korea)

Jiangsu Zhuxi Activated Carbon Co., Ltd. (China)

Kalpaka Chemicals Private Limited (India)

Kan-Carbon Private Limited (India)

Kuraray Co., Ltd. (Japan)
Kuraray Chemical Co., Ltd. (Japan)
Kureha Corporation (Japan)
Ningxia Guanghua-Cherishmet Activated Carbon Co., Ltd. (China)
Ningxia Huahui Activated Carbon Company Limited (China)
Osaka Gas Chemicals Co., Ltd. (Japan)
Century Chemical Works Sdn. Bhd. (Malaysia)
Jacobi Carbons AB (Sweden)
Minabe Chemical Industries, Ltd. (Japan)
Davao Central Chemical Corporation (Philippines)
Hakata Chemical Co., Ltd. (Japan)
Pacific Activated Carbon Company (Philippines)
Philippine-Japan Active Carbon Corporation (Philippines)
PT. Intan Prima Group (Indonesia)
Raj Carbons (India)
Shanghai Mebao Activated Carbon Co., Ltd. (China)
Shanghai Xing Chang Activated Carbon Co., Ltd. (China)
Shanxi Xinhua Chemical Co., Ltd. (China)
Shanxi Xinhua Activated Carbon Co., Ltd. (China)
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