

Calcined Anthracite Market Report by Technology (Gas Calcined Anthracite, Electrically Calcined Anthracite), Application (Pulverized Coal Injection (PCI), Basic Oxygen Steelmaking, Electric Arc Furnaces), End Use Industry (Iron and Steel, Aluminum, Pulp and Paper, Power Generation, Water Filtration, and Others), and Region 2024-2032

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Abstracts

The global calcined anthracite market size reached US\$ 3.50 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 4.20 Billion by 2032, exhibiting a growth rate (CAGR) of 1.9% during 2024-2032.

Calcined anthracite is produced by annealing anthracite coal in a horizontal gas furnace at an extreme temperature. It decreases the electrical resistivity property of the material and removes residual volatile organic compounds. As a result, it is widely utilized as a recarburiser in ladle and blast furnaces for producing carbon blocks and tamping paste. It is also gaining popularity as an alternative to calcined oil coke in the production of ductile and grey irons. Nowadays, electrically calcined anthracite (ECA) with high electrical resistance is extensively utilized by several manufacturers for making uniform industrial products.

Calcined Anthracite Market Trends:

The widespread use of steel in the construction, agriculture, and automobile industries represents one of the major factors catalyzing the demand for calcined anthracite across the globe. In addition to this, as calcined anthracite has high purity, it is widely used in battery casings as a vital filler component. The boosting sales of electric

vehicles (EVs) and the thriving aviation industry are also positively influencing its adoption, which, in turn, is bolstering the market growth. Apart from this, it is utilized as a filler in the production of ramming and electrode paste, cathode blocks, carbon electrodes, and other carbon products. This, in confluence with the rising use of filtration systems in drinking water and wastewater management, is contributing to the market growth. Furthermore, as calcined anthracite releases fewer toxic gases than other forms of coals, it finds extensive applications in heating and power generation worldwide. This, coupled with the surging demand for energy on account of rapid industrialization and the increasing dependence on electrification, is anticipated to present lucrative opportunities to market players.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global calcined anthracite market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on technology, application, and end use industry.

Breakup by Technology:

Gas Calcined Anthracite

Electrically Calcined Anthracite

Breakup by Application:

Pulverized Coal Injection (PCI)

Basic Oxygen Steelmaking

Electric Arc Furnaces

Breakup by End Use Industry:

Iron and Steel

Aluminum

Pulp and Paper

Power Generation

Water Filtration

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Asbury Carbon, Black Diamond (Clarus Corporation), Dev Technofab Ltd., Elkem ASA (Orkla ASA), Headwin Exim Private Limited, Henan Star Metallurgy Material Co.Ltd, Jh Carbon Pty Ltd, Kingstone Group, Resorbent s.r.o., Rheinfelden Carbon Products GmbH, Sojitz JECT Corporation, and Voltcon International PTE Limited.

Key Questions Answered in This Report

1. What was the size of the global calcined anthracite market in 2023?
2. What is the expected growth rate of the global calcined anthracite market during 2024-2032?
3. What has been the impact of COVID-19 on the global calcined anthracite market?

4. What are the key factors driving the global calcined anthracite market?
5. What is the breakup of the global calcined anthracite market based on the technology?
6. What is the breakup of the global calcined anthracite market based on the application?
7. What is the breakup of the global calcined anthracite market based on the end use industry?
8. What are the key regions in the global calcined anthracite market?
9. Who are the key players/companies in the global calcined anthracite market?

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