

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

Market Report | 2024-09-10 | 135 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$3999.00
- Five User Licence \$4999.00
- Enterprisewide License \$5999.00

Report description:

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

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

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
 - o□ United States
 - o□ Canada
- Asia-Pacific
 - o□ China
 - o□ Japan
 - o□ India
 - o□ South Korea
 - o□ Australia
 - o□ Indonesia
 - o□ Others
- Europe
 - o□ Germany
 - o□ France
 - o□ United Kingdom
 - o□ Italy
 - o□ Spain
 - o□ Russia
 - o□ Others
- Latin America

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o Brazil
- o Mexico
- o 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?

Table of Contents:

- 1 Preface
- 2 Scope and Methodology
 - 2.1 Objectives of the Study
 - 2.2 Stakeholders
 - 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
 - 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
 - 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview
 - 4.2 Key Industry Trends
- 5 Global Calcined Anthracite Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Technology
 - 6.1 Gas Calcined Anthracite
 - 6.1.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.1.2 Market Forecast
- 6.2 Electrically Calcined Anthracite
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 7 Market Breakup by Application
 - 7.1 Pulverized Coal Injection (PCI)
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Basic Oxygen Steelmaking
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
 - 7.3 Electric Arc Furnaces
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 8 Market Breakup by End Use Industry
 - 8.1 Iron and Steel
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Aluminum
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
 - 8.3 Pulp and Paper
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
 - 8.4 Power Generation
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
 - 8.5 Water Filtration
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
 - 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast
- 9 Market Breakup by Region
 - 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
 - 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast
- 10 SWOT Analysis
 - 10.1 Overview
 - 10.2 Strengths
 - 10.3 Weaknesses
 - 10.4 Opportunities
 - 10.5 Threats
- 11 Value Chain Analysis
- 12 Porters Five Forces Analysis
 - 12.1 Overview
 - 12.2 Bargaining Power of Buyers
 - 12.3 Bargaining Power of Suppliers
 - 12.4 Degree of Competition
 - 12.5 Threat of New Entrants
 - 12.6 Threat of Substitutes
- 13 Price Analysis
- 14 Competitive Landscape
 - 14.1 Market Structure
 - 14.2 Key Players
 - 14.3 Profiles of Key Players
 - 14.3.1 Asbury Carbon
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Black Diamond (Clarus Corporation)
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Dev Technofab Ltd.
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Elkem ASA (Orkla ASA)
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Headwin Exim Private Limited
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Henan Star Metallurgy Material Co.Ltd
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.7 Jh Carbon Pty Ltd
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.8 Kingstone Group
 - 14.3.8.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.3.8.2 Product Portfolio
- 14.3.9 Resorbent s.r.o.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Rheinfelden Carbon Products GmbH
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Sojitz JECT Corporation
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Voltcon International PTE Limited
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

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

Market Report | 2024-09-10 | 135 pages | IMARC Group

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	\$3999.00
	Five User Licence	\$4999.00
	Enterprisewide License	\$5999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	<input type="text"/>