

Global Calcined Petroleum Coke Market Size Study, by Type (Anode Grade, Needle Grade), by End-user (Carburizing & Recarburizing, Electric Arc & Induction Furnaces, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G1EAE200A142EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1EAE200A142EN

Abstracts

The Global Calcined Petroleum Coke Market is valued at approximately USD 8.5 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.8% over the forecast period 2024-2032. Calcined Petroleum Coke (CPC) is witnessing substantial growth, driven by its extensive applications across various industries, including aluminum production, steel manufacturing, and the production of graphite electrodes. With high carbon content and low impurities, CPC is a vital raw material for manufacturing anode and cathode components in aluminum smelting. Its significance extends to the steel industry, where it helps maintain appropriate carbon levels, and the production of graphite electrodes for electric arc furnaces. The market's expansion is further propelled by the rising demand for high-quality carbon materials in diverse industrial sectors, emphasizing CPC's critical role in supporting various manufacturing processes. Increasing investments in infrastructural developments and expanding industrial activities globally also contribute significantly to the market's growth trajectory.

The aluminum industry remains a primary driver for the CPC market, given its essential role in manufacturing anodes for aluminum production. As demand for lightweight and durable materials in automotive, aerospace, construction, and packaging industries grows, the need for high-quality CPC intensifies. The steel industry also drives CPC demand, as it is crucial in regulating carbon content during steel production. Additionally, the production of graphite electrodes for electric arc furnaces further fuels CPC market growth.

The key regions considered for the Global Calcined Petroleum Coke Market study

include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Calcined Petroleum Coke Market in terms of revenue. The growth of the Calcined Petroleum Coke market in North America is driven by increased demand from the aluminum and steel industries, advancements in production technology, and rising investments in infrastructure projects. Additionally, the growing adoption of electric vehicles, which require aluminum for lightweight components, fuels demand. Regulatory support for cleaner production processes and the availability of raw materials further bolsters market expansion. Increasing energy consumption and the need for high-quality fuel sources also contribute to the market's growth. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

Rain Carbon Inc.

Oxbow Corporation

BP plc

ExxonMobil Corporation

Phillips 66

Saudi Arabian Oil Company (Saudi Aramco)

Indian Oil Corporation Limited

Royal Dutch Shell plc

Chevron Corporation

Reliance Industries Limited

The detailed segments and sub-segment of the market are explained below:

By Type:

Anode Grade

Needle Grade

By End-user:

Carburizing & Recarburizing

Electric Arc & Induction Furnaces

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL CALCINED PETROLEUM COKE MARKET EXECUTIVE SUMMARY

- 1.1. Global Calcined Petroleum Coke Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By End-user
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL CALCINED PETROLEUM COKE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL CALCINED PETROLEUM COKE MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Aluminum Industry Demand
- 3.1.2. Steel Industry Requirements
- 3.1.3. Graphite Electrode Production

3.2. Market Challenges

- 3.2.1. Volatility in Raw Material Prices
- 3.2.2. Stringent Environmental Regulations
- 3.2.3. Intense Competition and Market Consolidation

3.3. Market Opportunities

- 3.3.1. Expanding Industrialization and Urbanization
- 3.3.2. Global Infrastructure Development
- 3.3.3. Focus on Sustainable and Environmentally Friendly Alternatives

CHAPTER 4. GLOBAL CALCINED PETROLEUM COKE MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL CALCINED PETROLEUM COKE MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Calcined Petroleum Coke Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Anode Grade

5.2.2. Needle Grade

CHAPTER 6. GLOBAL CALCINED PETROLEUM COKE MARKET SIZE & FORECASTS BY END-USER 2022-2032

6.1. Segment Dashboard

6.2. Global Calcined Petroleum Coke Market: End-user Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. Carburizing & Recarburizing

6.2.2. Electric Arc & Induction Furnaces

6.2.3. Others

CHAPTER 7. GLOBAL CALCINED PETROLEUM COKE MARKET SIZE & FORECASTS BY REGION 2022-2032

7.1. North America Calcined Petroleum Coke Market

7.1.1. U.S. Calcined Petroleum Coke Market

7.1.1.1. Type breakdown size & forecasts, 2022-2032

7.1.1.2. End-user breakdown size & forecasts, 2022-2032

7.1.2. Canada Calcined Petroleum Coke Market

7.2. Europe Calcined Petroleum Coke Market

7.2.1. U.K. Calcined Petroleum Coke Market

7.2.2. Germany Calcined Petroleum Coke Market

7.2.3. France Calcined Petroleum Coke Market

7.2.4. Spain Calcined Petroleum Coke Market

7.2.5. Italy Calcined Petroleum Coke Market

7.2.6. Rest of Europe Calcined Petroleum Coke Market

7.3. Asia-Pacific Calcined Petroleum Coke Market

7.3.1. China Calcined Petroleum Coke Market

7.3.2. India Calcined Petroleum Coke Market

7.3.3. Japan Calcined Petroleum Coke Market

7.3.4. Australia Calcined Petroleum Coke Market

7.3.5. South Korea Calcined Petroleum Coke Market

7.3.6. Rest of Asia Pacific Calcined Petroleum Coke Market

- 7.4. Latin America Calcined Petroleum Coke Market
 - 7.4.1. Brazil Calcined Petroleum Coke Market
 - 7.4.2. Mexico Calcined Petroleum Coke Market
 - 7.4.3. Rest of Latin America Calcined Petroleum Coke Market
- 7.5. Middle East & Africa Calcined Petroleum Coke Market
 - 7.5.1. Saudi Arabia Calcined Petroleum Coke Market
 - 7.5.2. South Africa Calcined Petroleum Coke Market
 - 7.5.3. Rest of Middle East & Africa Calcined Petroleum Coke Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Rain Carbon Inc.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Oxbow Corporation
 - 8.3.3. BP plc
 - 8.3.4. ExxonMobil Corporation
 - 8.3.5. Phillips
 - 8.3.6. Saudi Arabian Oil Company (Saudi Aramco)
 - 8.3.7. Indian Oil Corporation Limited
 - 8.3.8. Royal Dutch Shell plc
 - 8.3.9. Chevron Corporation
 - 8.3.10. Reliance Industries Limited

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

List Of Tables

LIST OF TABLES

- TABLE 1. Global Calcined Petroleum Coke market, report scope
- TABLE 2. Global Calcined Petroleum Coke market estimates & forecasts by Region 2022-2032 (USD Billion)
- TABLE 3. Global Calcined Petroleum Coke market estimates & forecasts by Type 2022-2032 (USD Billion)
- TABLE 4. Global Calcined Petroleum Coke market estimates & forecasts by End-user 2022-2032 (USD Billion)
- TABLE 5. Global Calcined Petroleum Coke market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 6. Global Calcined Petroleum Coke market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 7. Global Calcined Petroleum Coke market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 8. Global Calcined Petroleum Coke market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 9. Global Calcined Petroleum Coke market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 10. Global Calcined Petroleum Coke market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 11. Global Calcined Petroleum Coke market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 12. Global Calcined Petroleum Coke market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 13. Global Calcined Petroleum Coke market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 14. Global Calcined Petroleum Coke market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 15. U.S. Calcined Petroleum Coke market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 16. U.S. Calcined Petroleum Coke market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 17. U.S. Calcined Petroleum Coke market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 18. Canada Calcined Petroleum Coke market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Calcined Petroleum Coke market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Calcined Petroleum Coke market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Calcined Petroleum Coke market, research methodology
- FIG 2. Global Calcined Petroleum Coke market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Calcined Petroleum Coke market, key trends 2023
- FIG 5. Global Calcined Petroleum Coke market, growth prospects 2022-2032
- FIG 6. Global Calcined Petroleum Coke market, porters 5 force model
- FIG 7. Global Calcined Petroleum Coke market, PESTEL analysis
- FIG 8. Global Calcined Petroleum Coke market, value chain analysis
- FIG 9. Global Calcined Petroleum Coke market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Calcined Petroleum Coke market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Calcined Petroleum Coke market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Calcined Petroleum Coke market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Calcined Petroleum Coke market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Calcined Petroleum Coke market, regional snapshot 2022 & 2032
- FIG 15. North America Calcined Petroleum Coke market 2022 & 2032 (USD Billion)
- FIG 16. Europe Calcined Petroleum Coke market 2022 & 2032 (USD Billion)
- FIG 17. Asia Pacific Calcined Petroleum Coke market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Calcined Petroleum Coke market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Calcined Petroleum Coke market 2022 & 2032 (USD Billion)
- FIG 20. Global Calcined Petroleum Coke market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Calcined Petroleum Coke Market Size Study, by Type (Anode Grade, Needle Grade), by End-user (Carburizing & Recarburizing, Electric Arc & Induction Furnaces, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G1EAE200A142EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1EAE200A142EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970