

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

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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.

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 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:

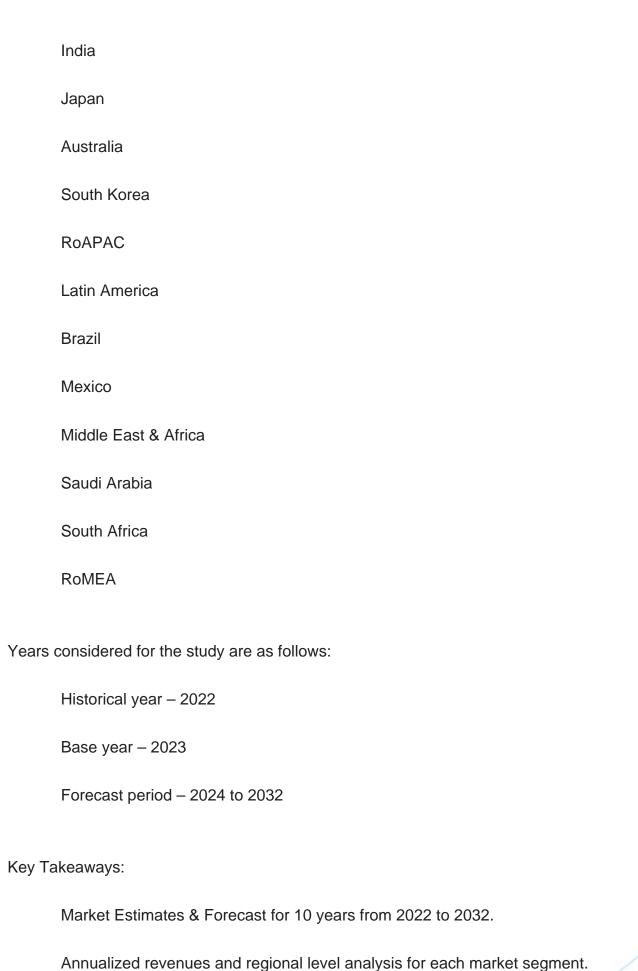
Anode Grade



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





Global Calcined Petroleum Coke Market Size Study, by Type (Anode Grade, Needle Grade), by End-user (Carburizin...



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.



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