

Coal Tar Pitch Market Research Report Information by Grade (Aluminum Grade, Graphite Grade, Special Grade) By End-User (Aluminum Smelting, Graphite Electrodes, Roofing, Carbon Fiber, Refractories, Other Applications), And by Region (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa) Forecast Till 2032

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Market Overview:

The coal tar pitch industry is expected to rise at a compound annual growth rate (CAGR) of 5.48% between 2024 and 2032. Increased aluminum production in the area boosts the market for coal tar pitch.

Because of the implementation of stringent car pollution standards and the growing need for aluminum due to its strength and light weight, the automotive, aerospace, and space industries are increasingly relying on lightweight aluminum components to sustain market growth.

Because of its excellent adherence to metal, coal tar pitch is widely used in the aluminium sector. Aluminum is a lightweight metal that weighs one-third that of steel, resulting in lower production costs. Its specific weight is 2.7 grams per cubic centimeter. It is used in automobiles to minimize inert weight, which improves engine performance and lowers energy usage. Furthermore, this results in less noise and more comfort. Modifying the alloy composition allows the strength to be modified to meet the needs of the application. Aluminum-magnesium-silicon alloys, on the other hand, are ideal for car body sheets because of their high age-hardening when applied by the bake-on method, whilst aluminum-magnesium-manganese alloys provide the best

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combination of strength and formability.

Market Segmentation Insights

The global coal tar pitch is divided into three grades: special grade, graphite grade, and aluminum grade.

Aluminum smelting, graphite electrodes, roofing, carbon fiber, refractories, and other end-use applications make up the global coal tar pitch industry.

Aluminum Smelting dominated the market in 2021, because to strong increases in aluminum production from a variety of enterprises, notably HINDALCO and Jindal Aluminum.

Perspectives on the Region

According to the analysis, the market may be divided into five regions: North America, Europe, Asia-Pacific, Latin America, and the Middle East and Africa.

In the Asia-Pacific region, the coal tar pitch market has grown the greatest. China and India are the region's two primary markets for coal tar. As the construction industry grows, aluminum output in China and India accelerates.

The chemical and construction sectors' increased use of coal tar pitch is expected to contribute to a steady growth in North America.

Major players

Rain Carbon Inc. (USA), Mitsubishi Chemical Carbon Fiber and Composites (USA), Himadri Speciality Chemical Ltd. (India), Neptune Hydrocarbons (India), Shandong Gude Chemical Co.Ltd. (China), DEZA A.S. (CZECH REPUBLIC), Nippon Steel & Sumikin Chemical Co. (Japan), Hengshui Zehao Chemicals Co. (China), and China Steel Chemical Corporation (China) dominate the coal tar pitch market.

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