

Global Graphite Market Outlook to 2027

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Abstracts

Graphite is a soft black lustrous form of pure carbon, formed in thin plates and found in metamorphic rocks. It conducts electricity and is used in making electrodes, paints, batteries, lead of pencils, etc. According to BlueQuark Research & Consulting, the global graphite market is expected to witness a strong growth rate during the forecast period. The major factors responsible for the global graphite market growth include increasing demand from the lithium-ion (Li-ion) battery industry used in electric vehicles and consumer electronics applications. Furthermore, the significant demand from steel-producing industries using graphite electrode, electric arc furnace (EAF) also drives the studied market. However, strict government regulations regarding the mining process are likely to restrain the market's growth in the forecast period.

Asia-Pacific region is expected to be the largest market for global graphite due to its high consumption from the end-user industries in the region. Moreover, China has some of the largest graphite reserves, resulting in the world's leading producer of graphite. As of 2019, China has produced around 700,000 metric tons of graphite, leading to one of the largest graphite producers across the globe. Adding to this, China and India are global hotspot manufacturing hubs for the automotive, electronics, thus, providing a great edge to the market during the forecast period.

Natural Graphite is expected to drive the market due to its high usage in batteries, crucibles, expendable, foundries, lubricants, and refractories. Further, the plunging demand for batteries used in electric vehicles is also likely to increase the demand for natural graphite, which is expected to emerge as the fastest-growing market. Additionally, natural graphite is a low-cost better alternative to synthetic graphite, which is further expected to drive the market.

The global graphite market is consolidated. Major players in the market were found to be Triton Minerals Limited, Focus Graphite Inc., Northern Graphite Corp., Graphite India

Limited, and SHOWA DENKO K.K., among others.

In November 2019, Tesla announced to build a battery gigafactory and Model Y in Berlin. The plant is slated to make batteries, e-vehicles, and power trains, which is likely to propel the United States' demand for graphite in the coming years.

Global Graphite Market report provides deep insight into the current and future graphite market state across various regions. The study comprehensively analyzes the graphite market by segmenting based on Type (Natural Graphite and Synthetic Graphite) By Application (Batteries, Electrodes, Refractories & Foundries, Lubricants, and Other Applications), By End-user Industry (Electronics, Automotive, Metallurgy, and Other End-user Industries), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market growth in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape section with profiles of major companies, including their market shares and projects.

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kai Carbon Co. Ltd.
on Minerals Limited
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