

Graphite Market is Anticipated to Reach US\$26.8 Bn by the End of 2025

Graphite, being increasingly looked at one of the most promising materials suitable for obtaining next-generation energy, represents a multi-billion-dollar market globally. Fairfield Market Research in its latest study intends to assess how the growth of global graphite market will unfold over the next few years. The market has been projected to exhibit around 8.5% growth between 2021 and 2025, while the revenue is likely to surpass the valuation of US\$26 Bn toward the end of forecast period.



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The global COVID-19 pandemic has had a significant impact on the metallurgy-related sectors, including graphite. While the market experienced tough time through 2020, recovery took some time in 2021 as well because of the setback created in key end-use industries of graphite, i.e., electric vehicles, automotive, and electronics. Soaring demand for graphite for its desirable electrical conductivity, superior mechanical strength, excellent lubricity, and commendable thermal shock resistance will enable the market to rise rapidly in the near future, says the report.

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Soaring Li-ion Battery Sales Uphold Natural, and Synthetic Graphite

Synthetic graphite remains the most sought-after on account of its high purity, and superior conductivity, holding more than 60% share in total market revenue. The report highlights sustained consumption of synthetic graphite for a broad range of its applications, including synthetic carbon, electrodes, Li-ion battery anodes, foundries, lubricants, refractory materials, graphite shapes, coatings, conductive fillers, and recarburisers. Electrodes however remain the largest application segment. Natural graphite on the other side is witnessing growing preference, especially for production of flexible graphite that goes in rechargeable Li-ion batteries. This segment will experience notable growth with increasing potential application in battery storage, and thermal management.

Asia Pacific Spearheads Global Graphite Market, China's Hegemony Prevails

With over 55% revenue share in global graphite market, Asia Pacific remains dominant. Being the world's largest auto, steel, and rechargeable Li-ion battery manufacturer, China will continue to be the global graphite hub, and the top contributor to market growth in Asia Pacific. The largest producer, and consumer of graphite, China also records over 60% captive consumption, majorly accounted by its steelmaking industry. China remains the global leader on the back of an increasing number of steel plants across the country, and ascending steel consumption for several niche application areas. China will thus continue to surge ahead in global graphite market. The market here is also expected to receive a major push from increasing popularity of ultra-high power (UHP) graphite electrodes, escalating adoption of energy storage systems (ESS), and new energy vehicles (NEVs). Chinese government further supports expansion of graphite market through NEV Subsidy Program that encourages EV production, as well as sales.

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Global Graphite Market Leaders

The report sheds lights on some of the significant players steering the competition landscape of global graphite market space with an intent of revealing exclusive insights into the financial and strategic developments of the leading companies. A few of the profiled company names include Nacional de Grafite, Shanshan Technology, Shenzhen BTR New Materials, Showa Denko Materials Co. Ltd., Aoyu Graphite Group, and Qingdao Haida Graphite Co., Ltd.

The Global Graphite Market is Segmented as Below:

By Product Coverage

Natural Graphite

- Flake
- Amorphous
- Vein
- · Synthetic Graphite

By Application Coverage

- Electrodes
- · Refractories & Foundries
- Batteries
- Recarburiser
- Lubricants
- Friction Products
- Misc. (Graphite Shapes, Aerospace Materials, etc.)

By Geographical Coverage

- North America
 - U.S.
 - Canada
- Europe
 - Germany
 - France
 - UK
 - Italy
 - Turkey
 - Russia
 - Rest of Europe
- Asia Pacific
 - China
 - Japan
 - South Korea
 - India
 - Southeast Asia
 - Rest of Asia Pacific
- Latin America
 - o Brazil
 - Mexico
 - · Rest of Latin America
- · Middle East & Africa

- GCC
- Iran
- Rest of Middle East & Africa

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Fairfield Market Research is a UK-based market research provider. Fairfield offers a wide spectrum of services, ranging from customized reports to consulting solutions. With a strong European footprint, Fairfield operates globally and helps businesses navigate through business cycles, with quick responses and multi-pronged approaches. The company values an eye for insightful take on global matters, ably backed by a team of exceptionally experienced researchers. With a strong repository of syndicated market research reports that are continuously published & updated to ensure the ever-changing needs of customers are met with absolute promptness.

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