

# **Graphite Market by Application (Refractory, Foundry, Battery, Friction Product, Lubricant), Type (Natural Graphite, Synthetic Graphite), Natural Graphite (Flake, Amorphous, Vein), Region - Global forecast to 2022**

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## **Abstracts**

The global graphite market is projected to grow at a CAGR of 5.2% from 2017 to 2022

The global graphite market is projected to reach USD 29.05 billion by 2022, at a CAGR of 5.2% from 2017 to 2022. The increasing demand for graphite from aerospace & defense, wind energy, and automotive industries is one of the key factors expected to drive the growth of the graphite market. Additionally, graphite is increasingly being used for the manufacture of various structural composites in aircraft and automobiles. However, insufficient production capacities can restrain the growth of the market in the coming years.

Refractory is projected to be the largest application segment of the global graphite market

Based on application, the graphite market has been segmented into refractory, foundry, battery, friction product, lubricant, and others. Other applications include crucible, graphene, pencil, recarburizing, and carbon brush, among others. The refractory application segment is estimated to lead the graphite market in 2017, as graphite-based refractories are widely used in the steel, nuclear reactor, and oil & gas industries.

Natural graphite is projected to be the largest type segment of the global graphite market

Based on type, the graphite market has been segmented into natural graphite and

synthetic graphite. The synthetic graphite segment is estimated to lead the overall graphite market in 2017. Synthetic graphite is projected to continue to lead the market during the forecast period owing to its demand from high-end applications in the aerospace & defense and automotive industries, due to its excellent mechanical properties.

Asia-Pacific is projected to be the largest regional graphite market during the forecast period

The Asia-Pacific is projected to be the largest regional graphite market during the forecast period, between 2017 and 2022. The growth of the graphite market in the Asia-Pacific is driven by the rapid industrial development in countries such as China, India, and Japan and the consequent increasing consumption of graphite in the automotive, wind, and electrical & electronics industries. According to USGS (U.S. Geological Survey), in 2015, China, a key market for graphite, produced 66% of the world's graphite and consumed 35%. This significant consumption of graphite in China can be attributed to its gigantic consumer electronics market, and other industries, including, chemical, automobiles, and transport equipment among others.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 35%, Tier 2 – 35%, Tier 3 – 30%

By Designation: C level – 25%, Director level – 30%, Others – 45%

By Region: North America – 40%, Europe – 25%, Asia-Pacific – 20%, Middle East & Africa and South America – 15%

Furthermore, as a part of qualitative analysis, the research provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also discusses competitive strategies adopted by market players, such as GrafTech International Holdings Inc. (U.S.), Graphite India Ltd. (India), Triton Minerals Ltd. (Australia), Mason Graphite, Inc. (Canada), and SGL Group (Germany), among others.

Research Coverage:

The report defines, segments, and projects the global graphite market on the basis of application, type, subtype, and region. It provides detailed information regarding the

major factors influencing the growth of the market, such as drivers, restraints, opportunities, and industry-specific challenges. It also strategically profiles key players and comprehensively analyzes their core competencies and tracks and analyzes competitive developments such as partnerships, contracts, and joint ventures; mergers & acquisitions; expansions; new product launches; and research & development activities in the market.

#### Reasons to buy the report:

The report will help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall graphite market and the subsegments. This report will help stakeholders to better understand the competitor landscape and gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

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