

Global Graphite Market: Size, Trends & Forecasts (2017-2021)

November 2017



Global Graphite Market Report

Scope of the Report

The report entitled "Global Graphite Market: Size, Trends & Forecasts (2017-2021)", provides analysis of the global Graphite market, with detailed analysis of market size in terms of production, demand and segments.

The report also includes a detailed regional analysis of the Graphite market with key focus on China comprising of its Graphite market by production. Under competitive landscape different players in the global Graphite market have been compared on the basis of undergoing Graphite projects.

Moreover, the report assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall Graphite market has also been forecasted for the years 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Syrah Resources Ltd., Magnis Resources Ltd., Hexagon Resources Ltd. and Kibaran Resources Ltd. are some of the key players operating in the global Graphite market whose company profiling is done in the report. In this segment of the report, business overview, financial overview and the business strategies of the companies are provided.

Country Coverage

- China

Company Coverage

- Syrah Resources Ltd.
- Magnis Resources Ltd.
- Hexagon Resources Ltd.
- Kibaran Resources Ltd.

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Executive Summary

Graphite is an allotrope of carbon with a crystalline form and occurs in nature in the form of dispersed crystal flakes in high-grade metamorphic rocks, as veins, and as microcrystalline 'amorphous' graphite associated with metamorphosed coal seams.

Graphite possesses some useful properties which allow it to be used for a number of different uses across a broad range of industries. These properties consist of reactivity, lubrication, tolerance to extreme temperatures (for use in refractories) and strength. Most importantly, Graphite has some crucial conductive properties (known as reversible capacity) which makes it the most appropriate element for use as an anode material within Li-ion batteries.

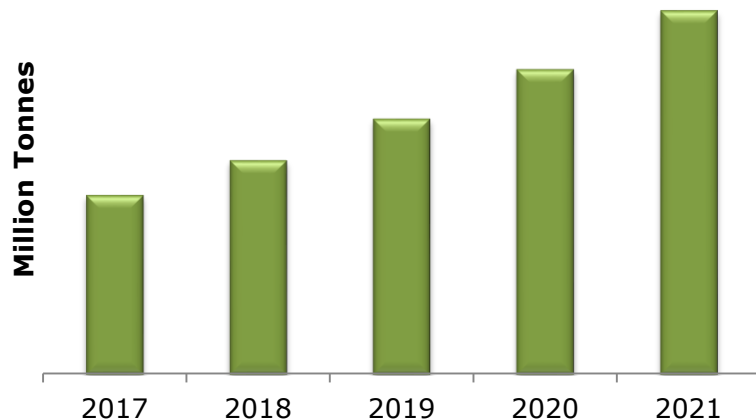
The Graphite market can be divided on the basis of product type and applications. On the basis of product type, the market can be divided into natural and synthetic. On the basis of applications, the market can be segmented into electrodes, foundries, recarburisers, batteries and friction products.

The global Graphite market is expected to increase at high growth rates during the forecast period (2017-2021). The global Graphite market is supported by various factors such as boom in Lithium ion battery energy capacity, spike in electric vehicle production and increase in steel production via electric arc furnace, etc.

However, issues related to production & supply of Graphite and overdependence on China are some of the challenges faced by the market. Expected boost in the use of natural Graphite and upsurge in Graphite development projects globally are some of the latest trends existing in the market.

Global Graphite Market: Production Analysis

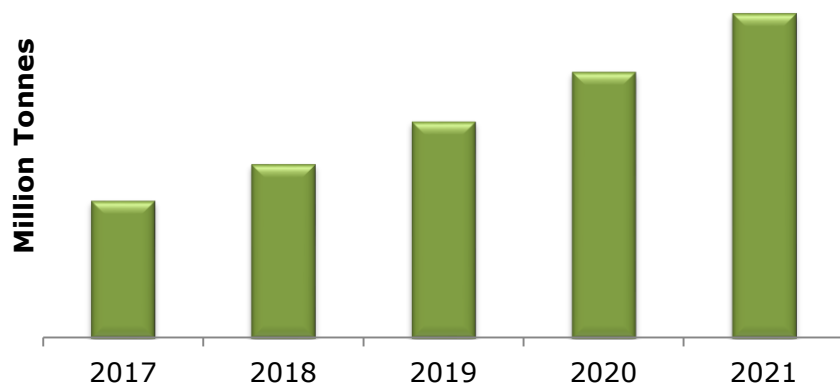
Global Graphite Market by Production Volume; 2017-2021 (Million Tonnes)



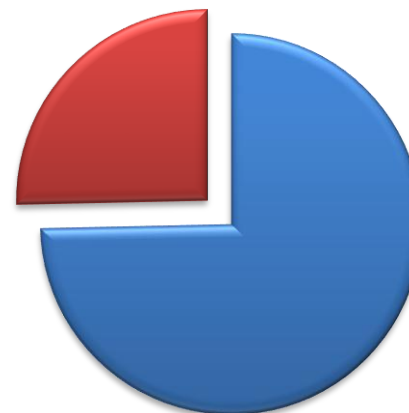
Production volume of Graphite was in ... million tonnes in 2016. It is expected that the production volume of Graphite would reach to ...mt in 2021, compared to ... mt in 2017 growing at a CAGR of ...% over the years 2017-2021.

On the basis of product type, the market can be segmented into synthetic and natural Graphite. Out of the total Graphite produced globally, ...% of the Graphite was synthetic while the natural Graphite had a share of ...% to its credit.

Global Synthetic Graphite Market by Production Volume; 2017-2021 (Million Tonnes)

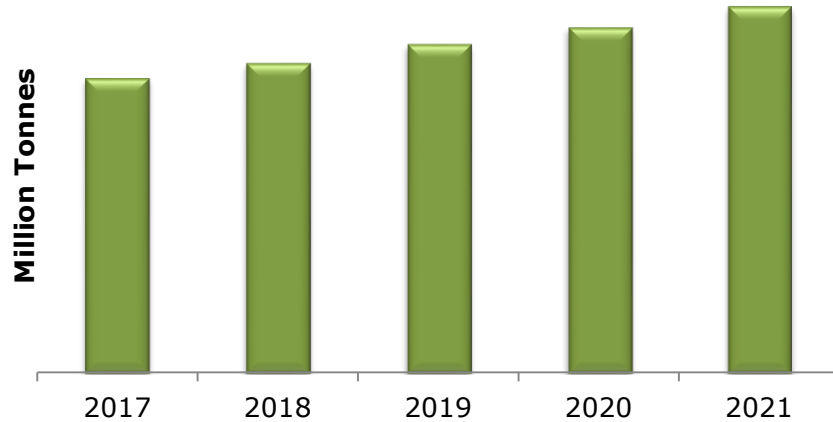


Global Graphite Market Production Volume by Product Type; 2016 (Percentage,%)

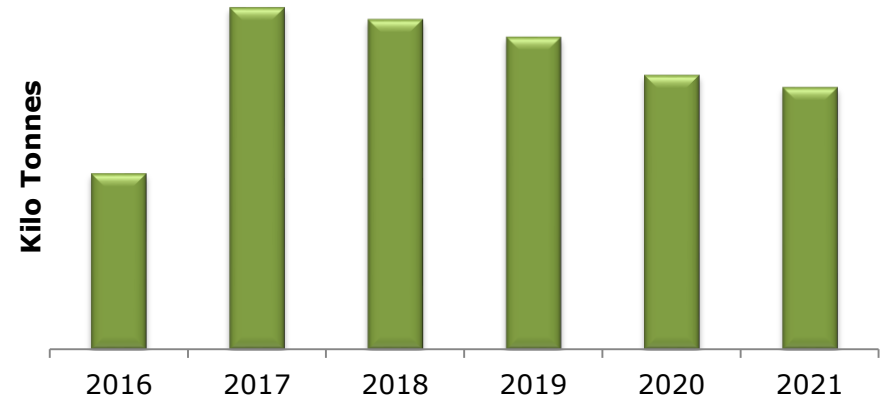


Global Graphite Market: Demand Analysis

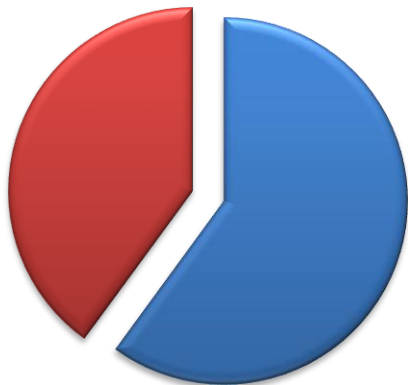
Global Graphite Market by Demand Volume; 2017-2021 (Million Tonnes)



Global Synthetic Graphite Market by Demand Volume; 2016-2021 (Kilo Tonnes)



Global Graphite Market Demand Volume by Product Type; 2016(Percentage,%)



The demand for Graphite stood at ...kt in 2016. It is anticipated that the demand for Graphite would increase to ...mt by 2021 in contrast to demand of mt of Graphite in the year 2017, growing at a CAGR of ...% over the years 2017-2021.