

Global Synthetic Graphite Materials Market Growth 2024-2030

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Abstracts

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Synthetic Graphite is a man-made substance manufactured by the high temperature processing of amorphous carbon materials. The types of amorphous carbon used as precursors to graphite are many, and can be derived from petroleum, coal, or natural and synthetic organic materials. In some cases graphite can even be manufactured by the direct precipitation of graphitic carbon from pyrolysis of a carbonaceous gas such as acetylene (pyrolytic graphite). One important commonality between all graphite precursors is that they must contain carbon. Graphite is carbon, a specific form of carbon, so it can only be derived from other carbon containing substances. Although Synthetic Graphite can be manufactured from any number of precursor materials, the primary material used to manufacture it in the United States is petroleum coke. As noted above only certain types of carbonaceous feeds are suitable for graphite production. Therefore the petroleum coke used for the Synthetic Graphite industry must be carefully specified to assure it is of the type that will ultimately result in high quality graphitic carbon.

The global Synthetic Graphite Materials market size is projected to grow from US\$ 10340 million in 2024 to US\$ 17500 million in 2030; it is expected to grow at a CAGR of 9.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Synthetic Graphite Materials Industry Forecast" looks at past sales and reviews total world Synthetic Graphite Materials sales in 2023, providing a comprehensive analysis by region and market sector of projected Synthetic Graphite Materials sales for 2024 through 2030. With Synthetic Graphite Materials sales broken down by region, market sector and sub-

sector, this report provides a detailed analysis in US\$ millions of the world Synthetic Graphite Materials industry.

This Insight Report provides a comprehensive analysis of the global Synthetic Graphite Materials landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Synthetic Graphite Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Synthetic Graphite Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Synthetic Graphite Materials and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Synthetic Graphite Materials.

Major global manufacturers of synthetic graphite materials include GrafTech, Fangda Carbon, Showa Denko, etc. The world's top three manufacturers account for approximately 33% of the market share. Asia-Pacific is the largest market, with a market share of approximately 62%. In terms of product type, graphite electrodes is the largest segment, accounting for about 55%. At the same time, in terms of application, Iron and Steel Industry is the largest application field, accounting for about 67%.

This report presents a comprehensive overview, market shares, and growth opportunities of Synthetic Graphite Materials market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Graphite Electrodes

Carbon Fibers

Specialty Graphite

Graphite Granular & Powder

Others

Segmentation by Application:

Iron and Steel Industry

Battery Industry

Aluminum Industry

Industrial Components

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

GrafTech

Fangda Carbon

Showa Denko

Jilin Carbon

Graphite India

Tokai Carbon

HEG

Nippon Carbon

Datong Xincheng New Material Co., Ltd

SEC Carbon

Toray Carbon

Toyo Tanso

Teijin (Toho Tenax)

Mersen Group

Ibiden

Asbury Graphite

Key Questions Addressed in this Report

What is the 10-year outlook for the global Synthetic Graphite Materials market?

What factors are driving Synthetic Graphite Materials market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Synthetic Graphite Materials market opportunities vary by end market size?

How does Synthetic Graphite Materials break out by Type, by Application?

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