

Global Synthetic Graphite Materials Production, Demand and Key Producers, 2022-2028

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Abstracts

Synthetic graphite materials 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 Materials 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 Materials industry must be carefully specified to assure it is of the type that will ultimately result in high quality graphitic carbon.

This report studies the global Synthetic Graphite Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Synthetic Graphite Materials, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Synthetic Graphite Materials that contribute to its increasing demand across many markets.

The global Synthetic Graphite Materials market size is expected to reach \$ 11790 million by 2028, rising at a market growth of 4.8% CAGR during the forecast period

(2022-2028).

Highlights and key features of the study

Global Synthetic Graphite Materials total production and demand, 2017-2028, (K MT)

Global Synthetic Graphite Materials total production value, 2017-2028, (USD Million)

Global Synthetic Graphite Materials production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (K MT)

Global Synthetic Graphite Materials consumption by region & country, CAGR, 2017-2028 & (K MT)

U.S. VS China: Synthetic Graphite Materials domestic production, consumption, key domestic manufacturers and share

Global Synthetic Graphite Materials production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (K MT)

Global Synthetic Graphite Materials production by Type, production, value, CAGR, 2017-2028, (USD Million) & (K MT)

Global Synthetic Graphite Materials production by Application production, value, CAGR, 2017-2028, (USD Million) & (K MT)

This reports profiles key players in the global Synthetic Graphite Materials market based on the following parameters – headquarters, production locations, products portfolio, Synthetic Graphite Materials revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Synthetic Graphite Materials market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Synthetic Graphite Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Synthetic Graphite Materials Market, Segmentation by Type

Graphite Electrodes

Carbon Fibers

Specialty Graphite

Graphite Granular & Powder

Others

Global Synthetic Graphite Materials Market, Segmentation by Application

Iron and Steel Industry

Battery Industry

Aluminum Industry

Industrial Components

Others

Companies Profiled:

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 Answered

1. How big is the global Synthetic Graphite Materials market?
2. What is the demand of the global Synthetic Graphite Materials market?
3. What is the year over year growth of the global Synthetic Graphite Materials market?
4. What is the production and production value of the global Synthetic Graphite Materials market?
5. Who are the key producers in the global Synthetic Graphite Materials market?
6. What are the growth factors driving the market demand?

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