

2018-2023 Global Synthetic Graphite Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Synthetic Graphite market for 2018-2023.

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 sales of Synthetic Graphite declines to 1191 K MT in 2016 from 1211 K MT in 2012, at a CAGR of less than -0.42%. In 2016, the global Synthetic Graphite market is led by China, capturing about 31% of global Synthetic Graphite production. USA is the second-largest country market with about 16% global Share. Japan is followed by 15% while Europe and India take about 12% respectively in 2016.

The Chinese production of Synthetic Graphite kept increasing in 2010-2013, especially

in 2013, the production growth rate reached 7% though the price declined by more than 12.6%. It is said that the mine of graphite even increased by more than 30% in Jixi, Heilongjiang one of the largest graphite market in China. The capacity became grave oversupply at the same time. In 2014, government constraint policy came into working, and the mine got the efficacious restraint. The market is expected to be normalization in next years.

In the past five years, China mainly exported the primary processed graphite by low price, while imported high-end product from Japan, USA and Germany by very high price, which was even dozens of times more than the export price. Now, China has turn to the deep-process of the graphite. Some new projects come into work in these years. And China begins graphite overhaul in 2017, it may lead the Chinese export to expand in the near future.

Over the next five years, LPI(LP Information) projects that Synthetic Graphite will register a 0.4% CAGR in terms of revenue, reach US\$ 8620 million by 2023, from US\$ 8410 million in 2017.

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

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product 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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

GrafTech

SGL Carbon

Fangda Carbon

Showa Denko

Jilin Carbon

Graphite India

Tokai Carbon

HEG

Nippon Carbon

JSC Energoprom Management

SEC Carbon

Yangzi Carbon

Shida Carbon

Toray Carbon

Toyo Tanso

Toho Tenax Group

Mersen Group

Mitsubishi Rayon

Poco Graphite

Ibiden

Formosa Plastics Group

Hexcel

Asbury Graphite

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future

development.

Research objectives

To study and analyze the global Synthetic Graphite consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Synthetic Graphite market by identifying its various subsegments.

Focuses on the key global Synthetic Graphite manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Synthetic Graphite with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Synthetic Graphite submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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