

Global Graphite Market – Types, Sub-Types and Applications

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Abstracts

REPORT SYNOPSIS

Graphite is a naturally-occurring form of crystalline carbon that is a native mineral element found in metamorphic and igneous rocks. This element can be termed a mineral of extremes, in that it is outstandingly soft, cleaves with the minimum of pressure and has a very low specific gravity. Graphite also has exceptional resistance to heat and is virtually inert in contact with almost any other material. Due to these extreme properties, this versatile element finds a wide range of applications in the metallurgical and electrical sectors, among others.

The global outbreak of Covid-19 or the novel coronavirus has had a profound impact on the commodities market, of which graphite, too, is a part. China, the world's largest producer of graphite accounting for over 70% of the global total, is where this pandemic reared its ugly head and impacted production to a large extent.

The global value market for Graphite by application is the largest for Metallurgy, estimated at US\$7.9 billion (37.3% share) in 2019, which is projected to reach US\$10.2 billion by 2026 at a CAGR of 3.8% between the two years. The global volume market for Graphite in Electrical Applications is likely to record the fastest similar period CAGR of 4.5% between 2019 and 2026.

Research Findings & Coverage

The Graphite global report analyzes the market with respect to product types/sub-types and applications

Graphite market size is estimated/projected in this report by product type/sub-type and applications across all major countries

Graphite Market Undergoing Rapid Transformation

Graphene from Graphite: A Gamechanging Material with Enormous Potential

Turbulent Times Challenging the Market for Graphite Electrodes

3D Mapping of Graphite Mines Being Done Using Underground Drones

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 61

The industry guide includes the contact details for 151 companies

PRODUCT OUTLINE

The market for product types of Graphite studied in this report comprise the following:

Natural Graphite

Amorphous Graphite

Flake Graphite (further segmented based on Flake Size)

Jumbo Flakes

Large Flakes

Medium Flakes

Small Flakes

Fine Flakes

Synthetic Graphite
Carbon Fibers

Graphite Blocks

Graphite Electrodes

Graphite Powder

Other Sub-Types

The report analyzes the market for the following applications of Graphite:

Electrical Applications

Metallurgical Applications

Technical Applications

Other Applications

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Graphite market for the period 2017-2026 in terms of both market volume in Tons and value in US\$; and the compound annual growth rates (CAGRs) projected from 2019 through 2026.

Geographic Coverage

North America (The United States, Canada and Mexico)

Europe (France, Germany, Italy, Russia, Spain, United Kingdom and Rest of Europe)

Asia-Pacific (Australia, China, India, Japan, South Korea and Rest of Asia-

Pacific)

South America (Argentina, Brazil and Rest of South America)

Rest of World

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Advanced Metallurgic Group NV (The Netherlands)
Asbury Carbons, Inc (United States)
Beijing Great Wall Co., Ltd (China)
BGWI Carbon Graphite (China)
BTR New Material Group Co., Ltd. (China)
Canada Carbon, Inc. (Canada)
Ceylon Graphite Corporation (Canada)
China Carbon Graphite Group, Inc. (China)
Chotanagpur Graphite Pvt., Ltd (India)
Directa Plus S.p.A. (Italy)
Dominik Georg Luh Technogرافit GmbH (Germany)
Ecograph Limited (Australia)
Energoprom Group (Russia)
First Graphene Limited (Australia)
G6 Materials Corporation (United States)
GES Middle East FZE (United Arab Emirates)
Global Graphene Group (United States)
Graftech International Ltd (United States)
Graphenea S.A (Spain)
Graphexel Ltd (United Kingdom)
Graphite India Limited (India)
Hensen Graphite Co., Ltd. (China)
Hexagon Energy Materials Limited (Australia)
Hitachi Chemical Co., Ltd. (Japan)
Imagine Intelligent Materials Pty Ltd. (Australia)
Imerys Graphite & Carbon (Switzerland)

Jiaozuo Zhongzhou Carbon Co., Ltd (China)
Jilin Songjiang Carbon Import & Export Co., Ltd. (China)
Lincoln Minerals Limited (Australia)
Magnis Energy Technologies Ltd (Australia)
Mason Graphite, Inc. (Canada)
Mersen Group (France)
Morgan Advanced Materials (United Kingdom)
Nanoxplore, Inc (Canada)
NGS Trading & Consulting GmbH (Germany)
Nippon Carbon Co., Ltd (Japan)
Nippon Graphite Industries, Co., Ltd. (Japan)
Novocarbon Corporation (Canada)
Qingdao Tennry Carbon Co., Ltd (China)
SGL Carbon SE (Germany)
Sinosteel Germany GmbH (Germany)
Superior Graphite Co (United States)
Syrah Resources Ltd (Australia)
The UK Carbon & Graphite Company Limited (United Kingdom)
Triton Minerals Limited (Australia)
Yichang Xincheng Graphite Co., Ltd (China)

4. KEY BUSINESS & PRODUCT TRENDS

Canada Carbon, Inc Receives Graphite Orders from ARMI
iCraft Unveils Graphene Cosmetic Face Mask
EcoGraf Ltd Commissions Lithium-Ion Battery Recycling Trial
ZEN to Commence Albany Pure Graphene products
FGL to Supply Graphene to Steel Blue
Spherical Graphite Production by Nouveau
Thomas Swan and GEIC Collaborate on Graphene Development
SGL Carbon SE Inaugurate New Graphite Center in Bonn, Germany
Sarcon Starts Commercial Production at its K1 Graphite Mining Project at Karasnagla, Sri Lanka
Lomiko to Supply Graphite Anodes for Electric Vehicles (EV) Li-ion Battery Mega-Factories
Renascor and Sicona Join Forces to Develop Battery Anode Material
Saint Jean Receives Graphene Projects from K-Technology
Berkwood and C6 Join Hands on Graphite Project
WWR and ANZAPLAN Collaborate on Graphite Program

FGL Unveils New Graphene Powders

Superior Graphite Co Establishes New Specialty Carbon Products Plant in Hopkinsville, Kentucky

Eagle and GLC Sign Letter of Intent

NextSource Secures Molo SuperFlake Graphite Trademark

FGL and University of Manchester Agree to Develop Graphene-based Materials

Westwater to Purchase Natural Flake Graphite Concentrate for Coosa Graphite Project in Alabama

Berkwood Discloses Expandable Graphite Test Results

SRG Mining, Inc Conducts Study on Lola Graphite Project in the Republic of Guinea, West Africa

Graphene 3D Lab Inc Develops High-performance Graphene Composites

Nanoxplore, Inc Establish Graphene Facility in Quebec

NovoCarbon Selects Versarien Plc as Supply Chain Partner

Haydale Ltd to Make Graphene Ink-based Heaters for Gas Pre-heating

FGL to Announce GRAFOID's Launch of its Innovative Suite of Oxidized Graphene Products – GNOX

NGC to Expand Bissett Creek Graphite Capacity

Ceylon Announces New Graphite Discovery in Sri Lanka

Black Rock and Bohao Executive Agreement on Blended Graphite Concentrate

Directa and Arvind Limited Agree to Develop Graphene-based Products for Use in Textile Sector

Mason Announces Gueret graphite Project and Corporate Highlights

NextSource Enters an Agreement with Japanese Graphite Trading Company

Black Rock Signs Strategic Agreement with Yantai Jinyuan

Canada Carbon, Inc to Supply High Grade Graphite to Dunedin

NovoCarbon Initiates Graphite Purification Operations in NewYork State

Westwater Produces Purified Micronized Graphite (PMG)

Mersen Acquires Louisville Graphite Inc

Black Rock Delivers World's First 99%+ Purity Graphite Concentrate

Next Graphite, Inc Commissions Aukam Processing Plant

Westwater Acquires Alabama Graphite Corporation

Directa and Sartec Collaborate to Develop Commercial-Scale Industrial System

Colmar and Eurojersey Acquire Directa's Graphene Plus (G+) Technology

Saint Jean to Acquire 95% State in Lochaber Graphite Deposit

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 - Focus Graphite, Inc. (Canada)
 - G6 Materials Corporation (United States)
 - Global Graphene Group (United States)
 - GrafTech International Ltd (United States)
 - Lomiko Metals, Inc. (Canada)
 - Mason Graphite, Inc. (Canada)
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Abalonyx AS (Norway)

Advanced Metallurgic Group NV (The Netherlands)

Directa Plus S.p.A. (Italy)

Dominik Georg Luh Technogرافit GmbH (Germany)

Energoprom Group (Russia)

Graphenea S.A (Spain)

Graphexel Ltd (United Kingdom)

Graphit Kropfmuhl GmbH (Germany)

Imerys Graphite & Carbon (Switzerland)

Mersen Group (France)

Morgan Advanced Materials (United Kingdom)

NGS Trading & Consulting GmbH (Germany)

SGL Carbon SE (Germany)

Sinosteel Germany GmbH (Germany)

The UK Carbon & Graphite Company Limited (United Kingdom)

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Battery Minerals Ltd (Australia)
Beijing Great Wall Co., Ltd (China)
BGWI Carbon Graphite (China)
Black Rock Mining Limited (Australia)
BTR New Material Group Co., Ltd. (China)
China Carbon Graphite Group, Inc. (China)
Chotanagpur Graphite Pvt., Ltd (India)
Ecograph Limited (Australia)
First Graphene Limited (Australia)
Graphite India Limited (India)
Hensen Graphite Co., Ltd. (China)
Hexagon Energy Materials Limited (Australia)
Hitachi Chemical Co., Ltd. (Japan)
Imagine Intelligent Materials Pty Ltd. (Australia)
Jiaozuo Zhongzhou Carbon Co., Ltd (China)
Jilin Songjiang Carbon Import & Export Co., Ltd. (China)
Jixi Puchen Graphite Co., Ltd. (China)
Lincoln Minerals Limited (Australia)
Magnis Energy Technologies Ltd (Australia)
New Energy Minerals Ltd (Australia)
Nippon Carbon Co., Ltd (Japan)
Nippon Graphite Industries, Co., Ltd. (Japan)
Qingdao Guangxing Electronic Materials Co., Ltd. (China)
Qingdao Tennry Carbon Co., Ltd (China)
Sinotek Materials Co., Ltd (China)
Syrah Resources Ltd (Australia)
Tirupati Carbons & Chemicals Private Limited (India)
Triton Minerals Limited (Australia)
Yichang Xincheng Graphite Co., Ltd (China)

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