

Graphite Market by Type (Natural Graphite and Synthetic Graphite) and Application (Lubrication, Refractories, Foundry, Battery Production, and Others): Global Opportunity Analysis and Industry Forecast, 2019–2027

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Abstracts

The global graphite market was valued at \$14.3 billion in 2019, and is projected to reach \$21.6 billion by 2027, growing at a CAGR of 5.3% from 2020 to 2027.

Graphite is flexible in nature and has both metallic and non-metallic properties, which makes it appropriate for a diverse range of industrial applications. The non-metallic properties of graphite include high thermal resistance, chemical inertness, and lubricity, while the metallic properties include electrical and thermal conductivity. Graphite is manufactured synthetically using carbon containing raw materials such as tar pitch and petroleum coke. The demand for natural graphite is directly proportional to the growth of the industrial applications, including lubrication, refractories, battery production, and foundry. The refractories segment account for the highest share of around 35.1% in the global graphite market, and is expected to remain a dominant application for consumption of natural graphite throughout the forecast period.

The global graphite market is segmented on the basis of type, application, and region. Depending on type, the market is bifurcated into natural graphite and synthetic graphite. The natural graphite segment is further sub-categorized into flake graphite, amorphous graphite, and vein graphite. The synthetic graphite segment is further classified into graphite electrode, graphite block, carbon fiber, graphite powder, and others. Based on application, the global graphite market is segmented into lubrication, refractories, foundry, battery production, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players operating in the global graphite market are Triton Minerals Limited, Showa Denko K.K., Graftech international Holding, Nippon Graphite Industries Co., Ltd., Tokai Carbon Co., Ltd., Focus Graphite, Inc., Westwater Resources, Inc., Nextsource Materials, Inc., Northern Graphite Corporation, and Mason Graphite, Inc. Other players operating in the global graphite market are Graphite India Limited, CM Carbon, Huarui Carbon New Material Co. Ltd., Beijing Great Wall Co. Ltd., Hebbel Rubang Carbon Products Co. Ltd., and others.

KEY BENEFITS FOR STAKEHOLDERS

The report provides an extensive qualitative and quantitative analysis of the current trends and future estimations of the global graphite market from 2020 to 2027 to determine the prevailing opportunities.

A comprehensive analysis of the factors that drive and restrict the growth of the market is provided.

Estimations and forecast are based on factors impacting the market growth, in terms of both value and volume.

Profiles of leading players operating in the market are provided to understand the global competitive scenario.

The report provides extensive qualitative insights on the significant segments and regions exhibiting favorable market growth.

KEY MARKET SEGMENTS

By Type

Natural Graphite

Synthetic Graphite

By Crop Type

Lubrication

Refractories

Foundry

Battery Production

Others

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Spain

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

KEY MARKET PLAYERS

Triton Minerals Limited

Showa Denko K.K.

Graftech International Holding

Nippon Graphite Industries Co., Ltd.

Tokai Carbon Co., Ltd.

Focus Graphite, Inc.

Westwater Resources, Inc.

Nextsource Materials, Inc.

Northern Graphite Corporation

Mason Graphite, Inc.

The other players in the value chain include Graphite India Limited, CM Carbon, Huarui Carbon New Material Co. Ltd., Beijing Great Wall Co. Ltd., Hebbel Rubang Carbon Products Co. Ltd., and others.

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