

# Expandable Graphite Market: Trends, Opportunities and Competitive Analysis [2024-2030]

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## Abstracts

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### Expandable Graphite Market Trends and Forecast

The future of the global expandable graphite market looks promising with opportunities in the building & construction, consumer electronics, and chemical processing industries. The global expandable graphite market is expected to reach an estimated \$706.6 billion by 2030 with a CAGR of 6.5% from 2024 to 2030. The major drivers for this market are stringency in fire safety standards in the building and construction industry, growing demand for non-halogenated flame retardants, and growth in the consumer electronics market.

### Emerging Trends in the Expandable Graphite Market

Emerging trends, which have a direct impact on the dynamics of the industry, include development of graphene from expandable graphite for next-generation battery chemistry and boron coated expandable graphite.

A total of 120 figures / charts and 123 tables are provided in this 180-page report to help in your business decisions. Sample figures with insights are shown below.

### Expandable Graphite Market by Segment

The study includes trends and forecast for the global expandable graphite market by product form, flake size, end use industry, and region as follows:

By Product Form [Kilotons and \$M shipment analysis from 2018 t%l%2030]:

Flame Retardant Additives

Graphite Foil & Sheets

Others

By End Use Industry [Kilotons and \$M shipment analysis from 2018 t%l%2030]:

Building & Construction

Consumer Electronics

Chemical Processing

Others

By Flake Size [Kilotons and \$M shipment analysis from 2018 t%l%2030]:

Jumb%l%Flakes

Medium & Large Flakes

Small & Fine Flakes

By Region [Kilotons and \$M shipment analysis for 2018 t%l%2030]:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Asia Pacific

China

India

The Rest of the World

### List of Expandable Graphite Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies expandable graphite companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the expandable graphite companies profiled in this report includes.

SGL Group

NeoGraf Solution

Yichang Xincheng Graphite Co. Ltd.

HP Materials Solution Inc.

Braide Graphite Group Co. Ltd.

GEORG H. LUH GmbH

Shijiazhuang ADT Carbonic Material Factory

Qingdao Black Dragon Graphite Co. Ltd.

## Expandable Graphite Market Insight

Lucintel forecasts that flame retardant additives will remain the largest product form segment, and it is also expected to witness the highest growth over the forecast period due to stringency in building codes towards the use of flame retardants.

Consumer electronics will remain the largest end use industry. The chemical processing market is expected to witness the highest growth over the forecast period due to increasing global concern towards fire safety and energy efficiency in the chemical end use market.

APAC will remain the largest region, and it is also expected to witness the highest growth over the forecast period due to the government initiatives in China to mandate the use of fire retardant building materials for not only new building construction but also building renovation. Also, the Chinese government's ban on traditional brominated flame retardants will further demand for environmentally safe expandable graphite.

## Features of Expandable Graphite Market

**Market Size Estimates:** Expandable graphite market size estimation in terms of value (\$M) and volume (kilotons)

**Trend and Forecast Analysis:** Market trends (2018-2023) and forecast

(2024-2030) by various segments and regions.

**Segmentation Analysis:** Expandable graphite market size by various segments, such as end use industry, flake size, and product form, in terms of value and volume.

**Regional Analysis:** Expandable graphite market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in various end use industries, product forms, flake sizes, and regions for the expandable graphite market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the expandable graphite market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the growth forecast for expandable graphite market?

Answer: The expandable graphite market is expected to grow at a CAGR of 6.5% from 2024 to 2030.

Q2. What are the major drivers influencing the growth of the expandable graphite market?

Answer: The major drivers for this market are stringency in fire safety standards in the building and construction industry, growing demand for non-halogenated flame retardants, and growth in the consumer electronics market.

Q3. What are the major applications or end use industries for expandable graphite?

Answer: Consumer electronics and building and construction are the major end use industries for expandable graphite market.

Q4. What are the emerging trends in expandable graphite market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include development of graphene from expandable graphite for next-generation battery chemistry and boron coated expandable graphite.

Q5. What are the key expandable graphite companies?

Answer: Some of the key expandable graphite companies are as follows:

SGL Group

NeoGraf Solution

Yichang Xincheng Graphite Co. Ltd.

HP Materials Solution Inc.

Braide Graphite Group Co. Ltd.

GEORG H. LUH GmbH

Shijiazhuang ADT Carbonic Material Factory

Qingdao Black Dragon Graphite Co. Ltd.

Q6. Which expandable graphite product segment will be the largest in future?

Answer: Lucintel forecasts that flame retardant additives will remain the largest segment, and it is also expected to witness the highest growth over the forecast period due to stringency in building codes towards the use of flame retardants.

Q7: In expandable graphite market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising, high-growth opportunities for the global expandable graphite market by product form (flame retardants, graphite foil & sheets, sealing & gaskets, and others), end use industry (building & construction, consumer electronics, chemicals, and others), flake size (jumbo, medium & large, and small & fine), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and reasons behind them?

Q.7 What are some changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via product substitution?

Q.11 What M&A activity did occur in the last five years?

For any questions related to expandable graphite market or related expandable graphite market share, expandable graphite market analysis, expandable graphite market size, and expandable graphite powder, write to Lucintel analysts at

helpdesk@lucintel.com. We will be glad to get back to you soon.



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