

Global Expandable Graphite Flakes Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Expandable Graphite Flakes market size will reach 254.79 Million USD in 2025 and is projected to reach 330.58 Million USD by 2032, with a CAGR of 3.79% (2025-2032). Notably, the China Expandable Graphite Flakes market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Expandable graphite flakes are a specific form of expandable graphite that consists of thin, layered flakes or sheets of natural graphite. These flakes have been chemically treated to have the ability to expand significantly when exposed to high temperatures or flames. When heated, the flakes expand and release gas, forming an intumescent foam that acts as an effective fire retardant and insulator. Expandable graphite flakes are commonly used as a fireproofing additive in various materials, including polymers, coatings, and construction products. Their ability to rapidly expand and create a protective barrier when exposed to heat makes them a valuable tool in enhancing fire resistance and safety in a wide range of applications and industries.

The major global manufacturers of Expandable Graphite Flakes include SGL Carbon, Xincheng Graphite, GrafTech, National de Grafite, Jinhui Graphite, Tianfeng Graphite, Black Dragon Graphite, Yanxin Graphite, Asbury Carbons, Durrans Group, AMG (GK), Maas Graphite, Tianheda Graphite, Haida Graphite, HP Materials Solutions, Nippon Graphite, etc. The global players competition landscape in this report is divided into

three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Expandable Graphite Flakes. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Expandable Graphite Flakes market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Expandable Graphite Flakes market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Expandable Graphite Flakes industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Expandable Graphite Flakes Include:

SGL Carbon

Xincheng Graphite

GrafTech

National de Grafite

Jinhui Graphite

Tianfeng Graphite

Black Dragon Graphite

Yanxin Graphite

Asbury Carbons

Durrans Group

AMG (GK)

Maas Graphite

Tianheda Graphite

Haida Graphite

HP Materials Solutions

Nippon Graphite

Expandable Graphite Flakes Product Segment Include:

KP Type

Low S Type

Others

Expandable Graphite Flakes Product Application Include:

Fire Retardant

Environmental Protection

Sealing Material

High Energy Battery Material

Others

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Expandable Graphite Flakes Capacity and Production Analysis

Chapter 3: Global Expandable Graphite Flakes Industry PESTEL Analysis

Chapter 4: Global Expandable Graphite Flakes Industry Porter's Five Forces Analysis

Chapter 5: Global Expandable Graphite Flakes Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 6: Global Expandable Graphite Flakes Market Size and Forecast by Type and Application Analysis

Chapter 7: North America Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: Europe Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: China Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries

Analysis)

Chapter 10: APAC (Excl. China) Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Latin America Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Middle East and Africa Expandable Graphite Flakes Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 13: Global Expandable Graphite Flakes Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 14: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 15: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 16: Research Findings and Conclusion

Chapter 17: Methodology and Data Sources

Contents

1 EXPANDABLE GRAPHITE FLAKES MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Expandable Graphite Flakes Product by Type
 - 1.2.1 KP Type
 - 1.2.2 Low S Type
 - 1.2.3 Others
- 1.3 Expandable Graphite Flakes Product by Application
 - 1.3.1 Fire Retardant
 - 1.3.2 Environmental Protection
 - 1.3.3 Sealing Material
 - 1.3.4 High Energy Battery Material
 - 1.3.5 Others
- 1.4 Global Expandable Graphite Flakes Market Revenue and Sales Analysis
 - 1.4.1 Global Expandable Graphite Flakes Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Expandable Graphite Flakes Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Expandable Graphite Flakes Market Sales Price Trend Analysis (2020-2032)
- 1.5 Expandable Graphite Flakes Industry Trends and Innovation
 - 1.5.1 Expandable Graphite Flakes Industry Trends and Innovation
 - 1.5.2 Expandable Graphite Flakes Market Drivers and Challenges

2 GLOBAL EXPANDABLE GRAPHITE FLAKES CAPACITY AND PRODUCTION ANALYSIS

- 2.1 Global Expandable Graphite Flakes Capacity, Production and Utilization (2020-2032)
- 2.2 Global Expandable Graphite Flakes Production Growth Trend by Region: 2024 VS 2025 VS 2030
- 2.3 Global Expandable Graphite Flakes Production by Region
 - 2.3.1 Global Expandable Graphite Flakes Production by Region (2020-2025)
 - 2.3.2 Global Expandable Graphite Flakes Production Forecast by Region (2026-2032)
 - 2.3.3 Global Expandable Graphite Flakes Production Market Share by Region (2020-2032)

3 EXPANDABLE GRAPHITE FLAKES MARKET PESTEL ANALYSIS

- 3.1 Political Factors Analysis
- 3.2 Economic Factors Analysis
- 3.3 Social Factors Analysis
- 3.4 Technological Factors Analysis
- 3.5 Environmental Factors Analysis
- 3.6 Legal Factors Analysis

4 EXPANDABLE GRAPHITE FLAKES MARKET PORTER'S FIVE FORCES ANALYSIS

- 4.1 Competitive Rivalry
- 4.2 Threat of New Entrants
- 4.3 Bargaining Power of Suppliers
- 4.4 Bargaining Power of Buyers
- 4.5 Threat of Substitutes

5 GLOBAL EXPANDABLE GRAPHITE FLAKES MARKET ANALYSIS BY REGIONS

- 5.1 Expandable Graphite Flakes Overall Market: 2024 VS 2025 VS 2032
- 5.2 Global Expandable Graphite Flakes Revenue and Forecast Analysis (2020-2032)
 - 5.2.1 Global Expandable Graphite Flakes Revenue and Market Share by Region (2020-2025)
 - 5.2.2 Global Expandable Graphite Flakes Revenue and Market Forecast by Region (2026-2032)
- 5.3 Global Expandable Graphite Flakes Sales and Forecast Analysis (2020-2032)
 - 5.3.1 Global Expandable Graphite Flakes Sales and Market Share by Region (2020-2025)
 - 5.3.2 Global Expandable Graphite Flakes Sales and Market Forecast by Region (2026-2032)
- 5.4 Global Expandable Graphite Flakes Sales Price Trend Analysis (2020-2032)

6 GLOBAL EXPANDABLE GRAPHITE FLAKES MARKET SIZE BY TYPE AND APPLICATION

- 6.1 Global Expandable Graphite Flakes Market Size by Type
 - 6.1.1 Global Expandable Graphite Flakes Revenue and Forecast Analysis by Type (2020-2032)
 - 6.1.2 Global Expandable Graphite Flakes Sales and Forecast Analysis by Type (2020-2032)

6.2 Global Expandable Graphite Flakes Market Size by Application

6.2.1 Global Expandable Graphite Flakes Revenue and Forecast Analysis by Application (2020-2032)

6.2.2 Global Expandable Graphite Flakes Sales and Forecast Analysis by Application (2020-2032)

7 NORTH AMERICA

7.1 North America Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)

7.2 North America Key Manufacturers Analysis

7.3 North America Expandable Graphite Flakes Market Size by Type

7.3.1 North America Expandable Graphite Flakes Sales by Type (2020-2032)

7.3.2 North America Expandable Graphite Flakes Revenue by Type (2020-2032)

7.4 North America Expandable Graphite Flakes Market Size by Application

7.4.1 North America Expandable Graphite Flakes Sales by Application (2020-2032)

7.4.2 North America Expandable Graphite Flakes Revenue by Application (2020-2032)

7.5 North America Expandable Graphite Flakes Market Size by Country

7.5.1 US

7.5.2 Canada

8 EUROPE

8.1 Europe Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)

8.2 Europe Key Manufacturers Analysis

8.3 Europe Expandable Graphite Flakes Market Size by Type

8.3.1 Europe Expandable Graphite Flakes Sales by Type (2020-2032)

8.3.2 Europe Expandable Graphite Flakes Revenue by Type (2020-2032)

8.4 Europe Expandable Graphite Flakes Market Size by Application

8.4.1 Europe Expandable Graphite Flakes Sales by Application (2020-2032)

8.4.2 Europe Expandable Graphite Flakes Revenue by Application (2020-2032)

8.5 Europe Expandable Graphite Flakes Market Size by Country

8.5.1 Germany

8.5.2 France

8.5.3 United Kingdom

8.5.4 Italy

8.5.5 Spain

8.5.6 Benelux

9 CHINA

9.1 China Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)

9.2 China Key Manufacturers Analysis

9.3 China Expandable Graphite Flakes Market Size by Type

9.3.1 China Expandable Graphite Flakes Sales by Type (2020-2032)

9.3.2 China Expandable Graphite Flakes Revenue by Type (2020-2032)

9.4 China Expandable Graphite Flakes Market Size by Application

9.4.1 China Expandable Graphite Flakes Sales by Application (2020-2032)

9.4.2 China Expandable Graphite Flakes Revenue by Application (2020-2032)

10 APAC (EXCL. CHINA)

10.1 APAC (excl. China) Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)

10.2 APAC (excl. China) Key Manufacturers Analysis

10.3 APAC (excl. China) Expandable Graphite Flakes Market Size by Type

10.3.1 APAC (excl. China) Expandable Graphite Flakes Sales by Type (2020-2032)

10.3.2 APAC (excl. China) Expandable Graphite Flakes Revenue by Type (2020-2032)

10.4 APAC (excl. China) Expandable Graphite Flakes Market Size by Application

10.4.1 APAC (excl. China) Expandable Graphite Flakes Sales by Application (2020-2032)

10.4.2 APAC (excl. China) Expandable Graphite Flakes Revenue by Application (2020-2032)

10.5 APAC (excl. China) Expandable Graphite Flakes Market Size by Country

10.5.1 Japan

10.5.2 South Korea

10.5.3 India

10.5.4 Australia

10.5.5 Southeast Asia

11 LATIN AMERICA

11.1 Latin America Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)

11.2 Latin America Key Manufacturers Analysis

11.3 LATIN AMERICA EXPANDABLE GRAPHITE FLAKES MARKET SIZE BY TYPE

- 11.3.1 Latin America Expandable Graphite Flakes Sales by Type (2020-2032)
- 11.3.2 Latin America Expandable Graphite Flakes Revenue by Type (2020-2032)
- 11.4 Latin America Expandable Graphite Flakes Market Size by Application
 - 11.4.1 Latin America Expandable Graphite Flakes Sales by Application (2020-2032)
 - 11.4.2 Latin America Expandable Graphite Flakes Revenue by Application (2020-2032)
- 11.5 Latin America Expandable Graphite Flakes Market Size by Country
- 11.6 Latin America Expandable Graphite Flakes Market Size by Country
 - 11.6.1 Mexico
 - 11.6.2 Brazil

12 MIDDLE EAST & AFRICA

- 12.1 Middle East & Africa Expandable Graphite Flakes Market Size and Growth Rate Analysis (2020-2032)
- 12.2 Middle East & Africa Key Manufacturers Analysis
- 12.3 Middle East & Africa Expandable Graphite Flakes Market Size by Type
 - 12.3.1 Middle East & Africa Expandable Graphite Flakes Sales by Type (2020-2032)
 - 12.3.2 Middle East & Africa Expandable Graphite Flakes Revenue by Type (2020-2032)
- 12.4 Middle East & Africa Expandable Graphite Flakes Market Size by Application
 - 12.4.1 Middle East & Africa Expandable Graphite Flakes Sales by Application (2020-2032)
 - 12.4.2 Middle East & Africa Expandable Graphite Flakes Revenue by Application (2020-2032)
- 12.5 Middle East Expandable Graphite Flakes Market Size by Country
 - 12.5.1 Saudi Arabia
 - 12.5.2 South Africa

13 COMPETITION BY MANUFACTURERS

- 13.1 Global Expandable Graphite Flakes Market Sales, Revenue and Price by Key Manufacturers (2021-2025)
 - 13.1.1 Global Expandable Graphite Flakes Market Sales by Key Manufacturers (2021-2025)
 - 13.1.2 Global Expandable Graphite Flakes Market Revenue by Key Manufacturers (2021-2025)

13.1.3 Global Expandable Graphite Flakes Average Sales Price by Manufacturers (2021-2025)

13.2 Expandable Graphite Flakes Competitive Landscape Analysis and Market Dynamic

13.2.1 Expandable Graphite Flakes Competitive Landscape Analysis

13.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

13.2.3 Market Dynamic

14 KEY COMPANIES ANALYSIS

14.1 SGL Carbon

14.1.1 SGL Carbon Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.1.2 SGL Carbon Expandable Graphite Flakes Product Portfolio

14.1.3 SGL Carbon Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.2 Xincheng Graphite

14.2.1 Xincheng Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.2.2 Xincheng Graphite Expandable Graphite Flakes Product Portfolio

14.2.3 Xincheng Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.3 GrafTech

14.3.1 GrafTech Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.3.2 GrafTech Expandable Graphite Flakes Product Portfolio

14.3.3 GrafTech Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.4 National de Grafite

14.4.1 National de Grafite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.4.2 National de Grafite Expandable Graphite Flakes Product Portfolio

14.4.3 National de Grafite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.5 Jinhui Graphite

14.5.1 Jinhui Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.5.2 Jinhui Graphite Expandable Graphite Flakes Product Portfolio

14.5.3 Jinhui Graphite Expandable Graphite Flakes Market Data Analysis (Revenue,

Sales, Price, Gross Margin and Market Share) (2021-2025)

14.6 Tianfeng Graphite

14.6.1 Tianfeng Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.6.2 Tianfeng Graphite Expandable Graphite Flakes Product Portfolio

14.6.3 Tianfeng Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.7 Black Dragon Graphite

14.7.1 Black Dragon Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.7.2 Black Dragon Graphite Expandable Graphite Flakes Product Portfolio

14.7.3 Black Dragon Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.8 Yanxin Graphite

14.8.1 Yanxin Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.8.2 Yanxin Graphite Expandable Graphite Flakes Product Portfolio

14.8.3 Yanxin Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.9 Asbury Carbons

14.9.1 Asbury Carbons Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.9.2 Asbury Carbons Expandable Graphite Flakes Product Portfolio

14.9.3 Asbury Carbons Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.10 Durrans Group

14.10.1 Durrans Group Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.10.2 Durrans Group Expandable Graphite Flakes Product Portfolio

14.10.3 Durrans Group Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.11 AMG (GK)

14.11.1 AMG (GK) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.11.2 AMG (GK) Expandable Graphite Flakes Product Portfolio

14.11.3 AMG (GK) Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.12 Maas Graphite

14.12.1 Maas Graphite Basic Company Profile (Employees, Areas Service,

Competitors and Contact Information)

14.12.2 Maas Graphite Expandable Graphite Flakes Product Portfolio

14.12.3 Maas Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.13 Tianheda Graphite

14.13.1 Tianheda Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.13.2 Tianheda Graphite Expandable Graphite Flakes Product Portfolio

14.13.3 Tianheda Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.14 Haida Graphite

14.14.1 Haida Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.14.2 Haida Graphite Expandable Graphite Flakes Product Portfolio

14.14.3 Haida Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.15 HP Materials Solutions

14.15.1 HP Materials Solutions Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.15.2 HP Materials Solutions Expandable Graphite Flakes Product Portfolio

14.15.3 HP Materials Solutions Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.16 Nippon Graphite

14.16.1 Nippon Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.16.2 Nippon Graphite Expandable Graphite Flakes Product Portfolio

14.16.3 Nippon Graphite Expandable Graphite Flakes Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

15 INDUSTRY CHAIN ANALYSIS

15.1 Expandable Graphite Flakes Industry Chain Analysis

15.2 Expandable Graphite Flakes Industry Raw Material and Suppliers Analysis

15.2.1 Expandable Graphite Flakes Key Raw Material Supply Analysis

15.2.2 Raw Material Suppliers and Contact Information

15.3 Expandable Graphite Flakes Typical Downstream Customers

15.4 Expandable Graphite Flakes Sales Channel Analysis

16 RESEARCH FINDINGS AND CONCLUSION

17 METHODOLOGY AND DATA SOURCE

17.1 Methodology/Research Approach

17.2 Research Scope

17.3 Benchmarks and Assumptions

17.4 Data Source

17.4.1 Primary Sources

17.4.2 Secondary Sources

17.5 Data Cross Validation

17.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Global Expandable Graphite Flakes Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Expandable Graphite Flakes Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Expandable Graphite Flakes Industry Development Status

Table 4: Expandable Graphite Flakes Industry Development Trends

Table 5: Global Expandable Graphite Flakes Production Growth Rate (CAGR) by Region: 2024 VS 2025 VS 2032 (K Ton)

Table 6: Global Expandable Graphite Flakes Production by Region (2020-2025) & (K Ton)

Table 7: Global Expandable Graphite Flakes Production Forecast by Region (2026-2032) & (K Ton)

Table 8: Global Expandable Graphite Flakes Production Market Share by Region (2020-2025)

Table 9: Global Expandable Graphite Flakes Production Market Share by Region (2026-2032)

Table 10: Global Expandable Graphite Flakes Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 11: Global Expandable Graphite Flakes Revenue by Region (2020-2025) & (US\$ Million)

Table 12: Global Expandable Graphite Flakes Revenue Market Share by Region (2020-2025)

Table 13: Global Expandable Graphite Flakes Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 14: Global Expandable Graphite Flakes Revenue Market Share Forecast by Region (2026-2032)

Table 15: Global Expandable Graphite Flakes Sales by Region (2020-2025) & (K Ton)

Table 16: Global Expandable Graphite Flakes Sales Market Share by Region (2020-2025)

Table 17: Global Expandable Graphite Flakes Sales Forecast by Region (2026-2032) & (K Ton)

Table 18: Global Expandable Graphite Flakes Sales Market Share Forecast by Region (2026-2032)

Table 19: Global Expandable Graphite Flakes Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 20: Global Expandable Graphite Flakes Revenue Analysis Forecast by Type

(2026-2032) & (US\$ Million)

Table 21: Global Expandable Graphite Flakes Sales Analysis by Type (2020-2025) & (K Ton)

Table 22: Global Expandable Graphite Flakes Sales Analysis Forecast by Type (2026-2032) & (K Ton)

Table 23: Global Expandable Graphite Flakes Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 24: Global Expandable Graphite Flakes Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 25: Global Expandable Graphite Flakes Sales Analysis by Application (2020-2025) & (K Ton)

Table 26: Global Expandable Graphite Flakes Sales Analysis Forecast by Application (2026-2032) & (K Ton)

Table 27: Key Expandable Graphite Flakes Players in North America

Table 28: North America Expandable Graphite Flakes Sales by Type (2020-2025) & (K Ton)

Table 29: North America Expandable Graphite Flakes Sales by Type (2026-2032) & (K Ton)

Table 30: North America Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 31: North America Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 32: North America Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 33: North America Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 34: North America Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 35: North America Expandable Graphite Flakes Revenue by Application (2026-2032) & (US\$ Million)

Table 36: North America Expandable Graphite Flakes Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 37: North America Expandable Graphite Flakes Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 38: North America Expandable Graphite Flakes Sales Market Size by Country (2020-2025) & (K Ton)

Table 39: North America Expandable Graphite Flakes Sales Market Size by Country (2026-2032) & (K Ton)

Table 40: Key Expandable Graphite Flakes Players in Europe

Table 41: Europe Expandable Graphite Flakes Sales by Type (2020-2025) & (K Ton)

Table 42: Europe Expandable Graphite Flakes Sales by Type (2026-2032) & (K Ton)

Table 43: Europe Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 44: Europe Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 45: Europe Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 46: Europe Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 47: Europe Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 48: Europe Expandable Graphite Flakes Revenue by Application (2026-2032) & (US\$ Million)

Table 49: Europe Expandable Graphite Flakes Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 50: Europe Expandable Graphite Flakes Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 51: Europe Expandable Graphite Flakes Sales Market Size by Country (2020-2025) & (K Ton)

Table 52: Europe Expandable Graphite Flakes Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 53: Key Expandable Graphite Flakes Players in China

Table 54: China Expandable Graphite Flakes Sales by Type (2020-2025) & (K Ton)

Table 55: China Expandable Graphite Flakes Sales by Type (2026-2032) & (K Ton)

Table 56: China Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 57: China Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 58: China Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 59: China Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 60: China Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 61: China Expandable Graphite Flakes Revenue by Application (2026-2032) & (US\$ Million)

Table 62: Key Expandable Graphite Flakes Players in APAC (excl. China)

Table 63: APAC (excl. China) Expandable Graphite Flakes Sales by Type (2020-2025)

& (K Ton)

Table 64: APAC (excl. China) Expandable Graphite Flakes Sales by Type (2026-2032)

& (K Ton)

Table 65: APAC (excl. China) Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 66: APAC (excl. China) Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 67: APAC (excl. China) Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 68: APAC (excl. China) Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 69: APAC (excl. China) Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 70: APAC (excl. China) Expandable Graphite Flakes Revenue by Application (2026-2032) & (US\$ Million)

Table 71:: APAC (excl. China) Expandable Graphite Flakes Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 72: APAC (excl. China) Expandable Graphite Flakes Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 73: APAC (excl. China) Expandable Graphite Flakes Sales Market Size by Country (2020-2025) & (K Ton)

Table 74: APAC (excl. China) Expandable Graphite Flakes Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 75: Key Expandable Graphite Flakes Players in Latin America

Table 76: Latin America Expandable Graphite Flakes Sales by Type (2020-2025) & (K Ton)

Table 77: Latin America Expandable Graphite Flakes Sales by Type (2026-2032) & (K Ton)

Table 78: Latin America Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 79: Latin America Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 80: Latin America Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 81: Latin America Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 82: Latin America Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 83: Latin America Expandable Graphite Flakes Revenue by Application

(2026-2032) & (US\$ Million)

Table 84: Latin America Expandable Graphite Flakes Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 85: Latin America Expandable Graphite Flakes Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 86: Latin America Expandable Graphite Flakes Sales Market Size by Country (2020-2025) & (K Ton)

Table 87: Latin America Expandable Graphite Flakes Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 88: Key Expandable Graphite Flakes Players in Middle East & Africa

Table 89: Middle East & Africa Expandable Graphite Flakes Sales by Type (2020-2025) & (K Ton)

Table 90: Middle East & Africa Expandable Graphite Flakes Sales by Type (2026-2032) & (K Ton)

Table 91: Middle East & Africa Expandable Graphite Flakes Revenue by Type (2020-2025) & (US\$ Million)

Table 92: Middle East & Africa Expandable Graphite Flakes Revenue by Type (2026-2032) & (US\$ Million)

Table 93: Middle East & Africa Expandable Graphite Flakes Sales by Application (2020-2025) & (K Ton)

Table 94: Middle East & Africa Expandable Graphite Flakes Sales by Application (2026-2032) & (K Ton)

Table 95: Middle East & Africa Expandable Graphite Flakes Revenue by Application (2020-2025) & (US\$ Million)

Table 96: Middle East & Africa Expandable Graphite Flakes Revenue by Application (2026-2032) & (US\$ Million)

Table 97: Middle East & Africa Expandable Graphite Flakes Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 98: Middle East & Africa Expandable Graphite Flakes Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 99: Middle East & Africa Expandable Graphite Flakes Sales Market Size by Country (2020-2025) & (K Ton)

Table 100: Middle East & Africa Expandable Graphite Flakes Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 101: Global Expandable Graphite Flakes Market Sales by Key Manufacturers (2021-2025) & (K Ton)

Table 102: Global Expandable Graphite Flakes Sales Market Share by Key Manufacturers (2021-2025)

Table 103: Global Expandable Graphite Flakes Market Revenue by Key Manufacturers

(2021-2025) & (US\$ Million)

Table 104: Global Expandable Graphite Flakes Revenue Market Share by Key Manufacturers (2021-2025)

Table 105: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Ton)

Table 106: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 107: Market Mergers & Acquisitions, Expansion

Table 108: SGL Carbon Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 109: SGL Carbon Expandable Graphite Flakes Product Portfolio

Table 110: SGL Carbon Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 111: Xincheng Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 112: Xincheng Graphite Expandable Graphite Flakes Product Portfolio

Table 113: Xincheng Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 114: GrafTech Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 115: GrafTech Expandable Graphite Flakes Product Portfolio

Table 116: GrafTech Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 117: National de Grafite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 118: National de Grafite Expandable Graphite Flakes Product Portfolio

Table 119: National de Grafite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 120: Jinhui Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 121: Jinhui Graphite Expandable Graphite Flakes Product Portfolio

Table 122: Jinhui Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 123: Tianfeng Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 124: Tianfeng Graphite Expandable Graphite Flakes Product Portfolio

Table 125: Tianfeng Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 126: Black Dragon Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 127: Black Dragon Graphite Expandable Graphite Flakes Product Portfolio

Table 128: Black Dragon Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 129: Yanxin Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 130: Yanxin Graphite Expandable Graphite Flakes Product Portfolio

Table 131: Yanxin Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 132: Asbury Carbons Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 133: Asbury Carbons Expandable Graphite Flakes Product Portfolio

Table 134: Asbury Carbons Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 135: Durrans Group Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 136: Durrans Group Expandable Graphite Flakes Product Portfolio

Table 137: Durrans Group Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 138: AMG (GK) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 139: AMG (GK) Expandable Graphite Flakes Product Portfolio

Table 140: AMG (GK) Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 141: Maas Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 142: Maas Graphite Expandable Graphite Flakes Product Portfolio

Table 143: Maas Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 144: Tianheda Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 145: Tianheda Graphite Expandable Graphite Flakes Product Portfolio

Table 146: Tianheda Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 147: Haida Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 148: Haida Graphite Expandable Graphite Flakes Product Portfolio

Table 149: Haida Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 150: HP Materials Solutions Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 151: HP Materials Solutions Expandable Graphite Flakes Product Portfolio

Table 152: HP Materials Solutions Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 153: Nippon Graphite Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 154: Nippon Graphite Expandable Graphite Flakes Product Portfolio

Table 155: Nippon Graphite Expandable Graphite Flakes Revenue (US\$ Million), Sales (K Ton), Price (USD/Ton), Gross Margin and Market Share (2021-2025)

Table 156: Upstream Key Raw Material Price List

Table 157: Expandable Graphite Flakes Raw Material Suppliers and Contact Information

Table 158: Expandable Graphite Flakes Typical Customer List

Table 159: Expandable Graphite Flakes Distributors List

List Of Figures

LIST OF FIGURES

- Figure 1: Expandable Graphite Flakes Product Pictures
- Figure 2: KP Type Picture Scope
- Figure 3: Low S Type Picture Scope
- Figure 4: Others Picture Scope
- Figure 5: Fire Retardant Picture Scope
- Figure 6: Environmental Protection Picture Scope
- Figure 7: Sealing Material Picture Scope
- Figure 8: High Energy Battery Material Picture Scope
- Figure 9: Others Picture Scope
- Figure 10: Global Expandable Graphite Flakes Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)
- Figure 11: Global Expandable Graphite Flakes Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)
- Figure 12: Global Expandable Graphite Flakes Market Sales and Growth Rate Analysis (2020-2032) & (K Ton)
- Figure 13: Global Expandable Graphite Flakes Market Price Trend Analysis (2020-2032) & (USD/Ton)
- Figure 14: Global Expandable Graphite Flakes Capacity, Production and Utilization (2019-2030) & (K Ton)
- Figure 15: Global Expandable Graphite Flakes Production by Region: 2023 VS 2024 VS 2030 (K Ton)
- Figure 16: Global Expandable Graphite Flakes Production Market Share by Region in Percentage: 2024 Versus 2030
- Figure 17: Global Expandable Graphite Flakes Production Market Share by Region (2019-2030)
- Figure 18: Global Expandable Graphite Flakes Market Size by Region (2020-2032) & (US\$ Million)
- Figure 19: Global Expandable Graphite Flakes Market Share Scenario by Region in Percentage: 2025 Versus 2032
- Figure 20: Global Expandable Graphite Flakes Sales Price by Region (2020-2032) & (K Ton)
- Figure 21: North America Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 22: North America Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 23:North America Expandable Graphite Flakes Sales Market Share by Type (2020-2032)

Figure 24:North America Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 25:North America Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 26:North America Expandable Graphite Flakes Revenue Market Share by Application (2020-2032)

Figure 27:US Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 28:Canada Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 29:Europe Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 30:Europe Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 31:Europe Expandable Graphite Flakes Sales Market Share by Type (2020-2032)

Figure 32:Europe Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 33:Europe Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 34:Europe Expandable Graphite Flakes Revenue Market Share by Application (2020-2032)

Figure 35:Germany Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 36:France Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 37:United Kingdom Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 38:Italy Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 39:Spain Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 40:Benelux Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 41:China Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 42:China Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 43:China Expandable Graphite Flakes Sales Market Share by Type (2020-2032)

Figure 44:China Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 45:China Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 46:China Expandable Graphite Flakes Revenue Market Share by Application

(2020-2032)

Figure 47:APAC (excl. China) Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 48:APAC (excl. China) Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 49:APAC (excl. China) Expandable Graphite Flakes Sales Market Share by Type (2020-2032)

Figure 50:APAC (excl. China) Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 51:APAC (excl. China) Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 52:APAC (excl. China) Expandable Graphite Flakes Revenue Market Share by Application (2020-2032)

Figure 53:Japan Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 54:South Korea Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 55:India Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 56:Australia Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 57:Southeast Asia Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 58:Latin America Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 59:Latin America Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 60:Latin America Expandable Graphite Flakes Sales Market Share by Type (2020-2032)

Figure 61:Latin America Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 62:Latin America Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 63:Latin America Expandable Graphite Flakes Revenue Market Share by Application (2020-2032)

Figure 64:Mexico Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 65:Brazil Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 66:Middle East & Africa Expandable Graphite Flakes Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 67:Middle East & Africa Expandable Graphite Flakes Revenue Market Share by Players in 2024

Figure 68:Middle East & Africa Expandable Graphite Flakes Sales Market Share by

Type (2020-2032)

Figure 69: Middle East & Africa Expandable Graphite Flakes Revenue Market Share by Type (2020-2032)

Figure 70: Middle East & Africa Expandable Graphite Flakes Sales Market Share by Application (2020-2032)

Figure 71: Middle East & Africa Expandable Graphite Flakes Revenue Market Share by Application (2020-2032)

Figure 72: Saudi Arabia Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 73: South Africa Expandable Graphite Flakes Revenue (2020-2032) & (US\$ Million)

Figure 74: Global Expandable Graphite Flakes Sales Market Share by Key Manufacturers in 2024

Figure 75: Global Expandable Graphite Flakes Revenue Market Share by Key Manufacturers in 2024

Figure 76: Global Expandable Graphite Flakes Industry Competition Landscape

Figure 77: Expandable Graphite Flakes Industry Chain Analysis

Figure 78: Bottom-Up and Top-Down Research Methods

Figure 79: Key Interview Objectives

Figure 80: Data Cross Validation

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