

# **Global Isostatic Graphite Materials Market by Application Type (Electrode, High Temperature Applications, Electrical Discharge Machining, Polysilicon Production, Silicon Crystal, Frictional Products, Parts & Components, and Others), by End Use Industry (Metal, Automotive, Photovoltaic, Electricals & Electronics, Industrial, and Others), by Sales Channel (Direct Sales and Distributors), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016-2021**

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## **Abstracts**

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the isostatic graphite market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

### **The Global Isostatic Graphite Market: Highlights**

Isostatic graphite, also called as Cold Isostatic Pressing (CIP), is a carbon material owning unique physical properties. The name Isostatic Graphite is derived from the method of production. During the forming process the material is isostatically pressed with equal pressure from every side, therefore, the material shows typically an isotropic

property behavior. It is an ultra-fine grain graphite best suited for those applications which require high mechanical properties. This differs from extruded graphite process which pushes through a die and has varying properties in different grain directions. It can be manufactured as blocks and rounds in various sizes as per your needs.

Isostatic graphite's features include good machinability, strong thermal stability, low expansion ratio, good chemical resistance, and excellent electrical conductivity. It is used in many industries, such as Photovoltaic, semiconductor, nuclear, metal, and many more.

Japanese companies own the majority of the global Isostatic graphite market share and are expected to remain the leading companies in the near future. Most of the leading Isostatic graphite manufacturers are continuously expanding their geographical footprint to tap the regional potential.

Asia-Pacific region is the major consumer of the Isostatic graphites worldwide in which China is the leading country growing at a double digit CAGR in the last ten years. SGL, Mersen, and Toyo Tanso have set up manufacturing plant in China to serve the local market. Despite capacity expansion in China by local as well as international players, some portion of the demand is still met through import.

The global Isostatic graphite market offers a healthy growth opportunity during the forecast period of 2016 to 2021. Solar Photovoltaic, Semiconductor, and EDM (Electrical Discharge Machining) are expected to drive the growth of the Isostatic graphite market during the forecast period.

Asia-Pacific is expected to remain the dominant region in the global Isostatic graphite market during the forecast period. Emerging Asian countries, such as China and India are fueling the growth in the Asia-Pacific region in the next five years.

The key Isostatic graphite manufactures are Baofeng Five-star Graphite, Datong Xincheng New Material, IBIDEN Co, GrafTech International Holdings Inc, Mersen Group, Nippon Graphite Industries, Co, SGL Carbon SE, Tokai Carbon Co, and Toyo Tanso. New product development, capacity expansion, and regional expansion are the key strategies adopted by the key players to gain competitive edge in the market.

## **Research Methodology**

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 1,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 20 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

## **Report Features**

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The global isostatic graphite market is segmented into the following categories.

#### Global Isostatic Graphite Market by Applications:

- Electrode
- High Temperature Applications
- Electrical Discharge Machining
- Polysilicon Production
- Silicon Crystal
- Frictional Products
- Parts & Components
- Others

#### Global Isostatic Graphite Market by End Use Industry:

- Metal Industry
- Photovoltaic Industry
- Electrical & Electronic Industry
- Automotive
- Industrial
- Others

#### Global Isostatic Graphite Market by Sales Channel:

- Direct Sales

Distributors

Global Isostatic Graphite Market by Region:

North America

Europe

Asia – Pacific

Rest of the World

Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (upto 3)

SWOT analysis of key players (upto 3)

Geographic Analysis

Further segmentation of North America into USA, Canada, and Mexico

Regional Segmentation

Current market segmentation of any one of the regions by application

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- 10.9. SGL Group
- 10.10. Tokai Carbon Co., Ltd.
- 10.11. Toyo Tanso

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