

Global Graphite Felt Market Size study, by Product Type (Soft Felt, Rigid Felt) by Application (Furnace, Batteries, Filters, Semiconductors, Others) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G068A3B62510EN.html>

Date: September 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G068A3B62510EN

Abstracts

Global Graphite Felt Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy CAGR of XX % over the forecast period 2021-2027. Graphite felt is a soft insulating material made purely with graphite or sometimes mixed with carbon and is typically used in protected environments up to 3000 degrees Celsius. Battery and semiconductor manufacturing is one of the largest applications of graphite felt; hence, rise in demand of batteries is driving the Graphite felt market. Due to the pandemic, the need to realize remote and contactless communication with information technology have also led to a boost in demand of electronic devices.

Graphite Felt market is also driven by rising production of semiconductors in Asia-pacific countries specifically China and India. China has one of the largest semiconductor markets in the world. Currently producing only 16% of the semiconductors domestically, China plans to amplify this figure to 70% by 2025. Such ambitious plans are driving the demand for graphite felts significantly.

Furthermore, graphite felt is ideal for vacuum and gas furnaces where temperatures can range from 2000 to 3000 degree Celsius. This excellent insulation comes from the pure graphite build and thus, is highly demanded for furnace insulation.

However, high cost associated with manufacturing of graphite felts can impede the growth of the market over forecast period of 2021-27. Nevertheless, with increasing demand in electronics market and rising investments in production technology, Graphite Felt Market is likely to increase the market growth during the forecast period.

Considering the regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World, regional analysis depicts that Asia Pacific is the leading player

across the world in terms of market share owing to established manufacturing sector, and high demand of batteries and semiconductors in China, India & Japan. Asia Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2021-2027. Factors such as increasing industrialization, favorable government initiatives and a vast consumer base would create lucrative growth prospects for the Graphite Felt Market across North America region.

Major market player included in this report are:

SGL Group

Toray Industries

Kureha

Nippon Carbon

Beijing Great Wall

Chemshine Carbon

CM Carbon

Gansu Haoshi Carbon Fiber

CFC Carbon

Ceramaterials

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Soft Felt

Rigid Felt

By Application:

Furnace

Batteries

Filters

Semiconductors

Others

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Graphite Felt Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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