

Global Airgel Battery Heat Shield Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Airgel Battery Heat Shield market size is expected to reach \$ 908 million by 2029, rising at a market growth of 14.9% CAGR during the forecast period (2023-2029).

With the increasing popularity of new energy vehicles and the increasing safety requirements of consumers for new energy vehicles, a series of safety standards for the power battery industry have been introduced at the national level, forcing new energy power batteries to be more perfect in terms of safety. . The power battery is a battery module composed of multiple single cells connected in series. If a single cell catches fire and explodes, it will inevitably cause the entire module to catch fire. The explosion is powerful. If such a safety accident occurs, it will cause The tragedy of car crash has seriously affected the development of new energy vehicles. In order to reduce the risk of thermal runaway fire and explosion of power batteries and improve the safety of new energy vehicles, a magical nano-heat insulation and fireproof material - airgel battery heat shield came into being. The airgel battery heat shield is based on pre-oxidized wire or other types of airgel composite materials, with polymer (PET, PI) film or flame-retardant coating as the packaging material, and is formed by hot pressing or coating. It has excellent heat insulation and buffering functions, and is mainly used for thermal protection between power lithium battery cells, which can effectively prevent thermal runaway of the cells and greatly improve the driving safety of new energy vehicles.

This report studies the global Airgel Battery Heat Shield production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Airgel Battery Heat Shield, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Airgel Battery Heat Shield that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Airgel Battery Heat Shield total production and demand, 2018-2029, (Tons)

Global Airgel Battery Heat Shield total production value, 2018-2029, (USD Million)

Global Airgel Battery Heat Shield production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Airgel Battery Heat Shield consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Airgel Battery Heat Shield domestic production, consumption, key domestic manufacturers and share

Global Airgel Battery Heat Shield production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Airgel Battery Heat Shield production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Airgel Battery Heat Shield production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Airgel Battery Heat Shield market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Aspen Aerogel, Armacell, Cabot Corporation, Shenzhen Aerogel Technology, JIOS Aerogel, Sino-Aerogel, Guangdong Alison HI-TECH, Ibih Advanced Material and Suzhou Rexiang Nanotechnology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Airgel Battery Heat Shield market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Airgel Battery Heat Shield Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Airgel Battery Heat Shield Market, Segmentation by Type

Ceramic Airgel Heat Insulation Pad

Pre-Oxidized Silk Airgel Heat Insulation Pad

Fiberglass Airgel Heat Insulation Mat

Global Airgel Battery Heat Shield Market, Segmentation by Application

Power Battery

Energy Storage Battery

Others

Companies Profiled:

Aspen Aerogel

Armacell

Cabot Corporation

Shenzhen Aerogel Technology

JIOS Aerogel

Sino-Aerogel

Guangdong Alison HI-TECH

Ibih Advanced Material

Suzhou Rexiang Nanotechnology

NANO Tech

Hunan Yantuo Advanced Materials Technology

Jiangsu Anjia New Material Technology

Gongyi Fanruiyihui Composite Material

Guizhou Aerospace Wujiang Electro-mechanical Equipment

Sinochem Hualu New Material

Shanxi Yangzhong New Material

Key Questions Answered

1. How big is the global Airgel Battery Heat Shield market?
2. What is the demand of the global Airgel Battery Heat Shield market?
3. What is the year over year growth of the global Airgel Battery Heat Shield market?
4. What is the production and production value of the global Airgel Battery Heat Shield market?
5. Who are the key producers in the global Airgel Battery Heat Shield market?
6. What are the growth factors driving the market demand?

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