

Global Black Phosphorus Powder Market Growth 2022-2028

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Abstracts

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Compared with other allotropes of phosphorus (white and red phosphorus), black phosphorus powder is a thermodynamic stable semiconductor material. It can be widely used in photo-catalysis, photo-degradation, and other photo-voltage effects.

The global market for Black Phosphorus Powder is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Black Phosphorus Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Black Phosphorus Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Black Phosphorus Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Black Phosphorus Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Black Phosphorus Powder players cover ACS Material, 2D Semiconductors,

Nanochemazone, American Elements and Merck, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Black Phosphorus Powder market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Black Phosphorus Powder market, with both quantitative and qualitative data, to help readers understand how the Black Phosphorus Powder market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the Black Phosphorus Powder market and forecasts the market size by Type (Purity:>99.99% and Purity:~99.99%), by Application (Electronic Devices, Energy Storage, Sensors and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Purity:>99.99%

Purity:~99.99%

Segmentation by application

Electronic Devices

Energy Storage

Sensors

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

ACS Material

2D Semiconductors

Nanochemazone

American Elements

Merck

HQ Graphene

Hunan Azeal Materials

Ossila Ltd.

Stanford Advanced Materials

Manchester Nanomaterials

Sigma-Aldrich

WEISTRON

Smart-elements

Taizhou Sunano Energy

Nanjing XFNANO Materials

Chapter Introduction

Chapter 1: Scope of Black Phosphorus Powder, Research Methodology, etc.

Chapter 2: Executive Summary, global Black Phosphorus Powder market size (sales and revenue) and CAGR, Black Phosphorus Powder market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Black Phosphorus Powder sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Black Phosphorus Powder sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

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Chapter 11: Sales channel, distributors, and customers

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