

Black Phosphorus Market - 2022-2031

<https://marketpublishers.com/r/BA698EE8BDFCEN.html>

Date: November 2025

Pages: 207

Price: US\$ 2,999.00 (Single User License)

ID: BA698EE8BDFCEN

Abstracts

The Black Phosphorus Market was valued at US\$ 13.1 Million in 2022 and is anticipated to reach US\$ 91.2 Million by 2031, at a CAGR of 0.275 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Black Phosphorus Market.

This report delivers a comprehensive overview of the Black Phosphorus Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Black Phosphorus Market. The Black Phosphorus Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2031.

Black Phosphorus Market Scope:

By Form

Crystal

Powder

By Type

Alpha Black Phosphorus

Beta Black Phosphorus

By Application

Electronic Devices

Energy Storage

Sensors

Others

Key Players

ACS Material, LLC

2D Semiconductors

Nanochemazone

American Elements LLC

Merck KGaA

HQ Graphene

Hunan Azeal Materials Co. Ltd.

Ossila Ltd.

Stanford Advanced Materials

Manchester Nanomaterials

Major Highlights

This report delivers a comprehensive overview of the Black Phosphorus Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Black Phosphorus Market. The Black Phosphorus Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2031.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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