

Global Phosphorus Pentafluoride Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Phosphorus Pentafluoride market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Phosphorus pentafluoride (chemical formula: PF₅) is a phosphorus halogen compound, and the phosphorus atom has an oxidation number of +5 and contains a three-center four-electron bond. Phosphorus pentafluoride is a colorless malodorous gas under normal temperature and pressure, and it is highly irritating to skin, eyes and mucous membranes. It is a highly reactive compound that is strongly hydrolyzed in humid air to produce toxic and corrosive white hydrogen fumes. Phosphorus pentafluoride is commonly used to generate gases and as a polymerization catalyst.

This report studies the global Phosphorus Pentafluoride production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Phosphorus Pentafluoride, 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 Phosphorus Pentafluoride that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Phosphorus Pentafluoride total production and demand, 2018-2029, (Tons)

Global Phosphorus Pentafluoride total production value, 2018-2029, (USD Million)

Global Phosphorus Pentafluoride production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Phosphorus Pentafluoride consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Phosphorus Pentafluoride domestic production, consumption, key domestic manufacturers and share

Global Phosphorus Pentafluoride production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Phosphorus Pentafluoride production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Phosphorus Pentafluoride production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Phosphorus Pentafluoride 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 Shanghai Wechem Chemical Co., Ltd, Fujian Deer Technology Company Ltd, Societa Italiana Acetilene & Derivati S.p.A., Tianjin East Special Gas Co., Ltd, SynQuest Laboratories, Shaanxi Didu New Materials Co. Ltd, Amadis Chemical Company Limited, ABCR GmbH & CO. KG and Alfa Aesar, 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 Phosphorus Pentafluoride 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 Purity, 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 Phosphorus Pentafluoride Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Phosphorus Pentafluoride Market, Segmentation by Purity

0.95

0.99

Others

Global Phosphorus Pentafluoride Market, Segmentation by Application

Chemical

Medical

Scientific Research

Companies Profiled:

Shanghai Wechem Chemical Co., Ltd

Fujian Deer Technology Company Ltd

Societa Italiana Acetilene & Derivati S.p.A.

Tianjin East Special Gas Co., Ltd

SynQuest Laboratories

Shaanxi Didu New Materials Co. Ltd

Amadis Chemical Company Limited

ABCR GmbH & CO. KG

Alfa Aesar

1Pluschem LLC

AK Scientific, Inc.

Key Questions Answered

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

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