

Global Phosphorus Pentafluoride Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Phosphorus Pentafluoride market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Phosphorus pentafluoride (chemical formula: PF_5) 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 is a detailed and comprehensive analysis for global Phosphorus Pentafluoride market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Purity and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Phosphorus Pentafluoride market size and forecasts, in consumption value (\$

Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Phosphorus Pentafluoride market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Phosphorus Pentafluoride market size and forecasts, by Purity and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Phosphorus Pentafluoride market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Phosphorus Pentafluoride

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report 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 and SynQuest Laboratories, etc.

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

Market Segmentation

Phosphorus Pentafluoride market is split by Purity and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Purity, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Purity

0.95

0.99

Others

Market segment by Application

Chemical

Medical

Scientific Research

Major players covered

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.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Phosphorus Pentafluoride product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Phosphorus Pentafluoride, with price, sales, revenue and global market share of Phosphorus Pentafluoride from 2018 to 2023.

Chapter 3, the Phosphorus Pentafluoride competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Phosphorus Pentafluoride breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Purity and application, with sales market share and growth rate by purity, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Phosphorus Pentafluoride market forecast, by regions, purity and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Phosphorus Pentafluoride.

Chapter 14 and 15, to describe Phosphorus Pentafluoride sales channel, distributors, customers, research findings and conclusion.

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