

Global 1,1,1,3,3-Pentafluoropropane Market Growth 2025-2031

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Abstracts

The global 1,1,1,3,3-Pentafluoropropane market size is predicted to grow from US\$ 230 million in 2025 to US\$ 288 million in 2031; it is expected to grow at a CAGR of 3.8% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

1,1,1,3,3-Pentafluoropropane, also known as HFC-245fa, is a colorless and transparent liquid with the chemical formula CHF₂CH₂CF₃. HFC-245fa has good thermodynamic properties, is non-flammable and non-explosive, and has high safety.

1,1,1,3,3-Pentafluoropropane can be used as a refrigerant in air conditioners, refrigerators, cold storage and other equipment. In addition, it is also used as a foaming agent in the production of polyurethane foam plastics, especially in refrigerators, cold storage and building panels.

1,1,1,3,3-pentafluoropropane has a good development prospect. HFC-245fa refrigerant has the advantages of zero ozone depletion potential (ODP) and low global warming potential (GWP), and is an ideal choice to replace CFC and HCFC refrigerants. With the continuous improvement of environmental protection requirements, HFC-245fa refrigerant will be more widely used in the future. The 1,1,1,3,3-pentafluoropropane industry has grown steadily driven by both policies and demand, but faces competition from substitutes and technical pressure. The future development direction focuses on high performance, environmental protection and deepening of regional markets.

LP Information, Inc. (LPI) ' newest research report, the "1,1,1,3,3-Pentafluoropropane

Industry Forecast” looks at past sales and reviews total world 1,1,1,3,3-Pentafluoropropane sales in 2024, providing a comprehensive analysis by region and market sector of projected 1,1,1,3,3-Pentafluoropropane sales for 2025 through 2031. With 1,1,1,3,3-Pentafluoropropane sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 1,1,1,3,3-Pentafluoropropane industry.

This Insight Report provides a comprehensive analysis of the global 1,1,1,3,3-Pentafluoropropane landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 1,1,1,3,3-Pentafluoropropane portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global 1,1,1,3,3-Pentafluoropropane market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 1,1,1,3,3-Pentafluoropropane and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 1,1,1,3,3-Pentafluoropropane.

This report presents a comprehensive overview, market shares, and growth opportunities of 1,1,1,3,3-Pentafluoropropane market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Purity 99.5%

Purity 99.9%

Other

Segmentation by Application:

Foaming Agent

Refrigerant

Other

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Honeywell

A-Gas

Central Glass

Zhejiang Quzhou Youpont Fluorine Material

Shandong Huaan New Material

Quanzhou Yuji

Zibo Aofan Chemical

Zhejiang Juhua

Key Questions Addressed in this Report

What is the 10-year outlook for the global 1,1,1,3,3-Pentafluoropropane market?

What factors are driving 1,1,1,3,3-Pentafluoropropane market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 1,1,1,3,3-Pentafluoropropane market opportunities vary by end market size?

How does 1,1,1,3,3-Pentafluoropropane break out by Type, by Application?

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