

Global Aerospace Plastic Flame Retardant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Aerospace Plastic Flame Retardant market size was valued at USD 1801.5 million in 2023 and is forecast to a readjusted size of USD 2057.1 million by 2030 with a CAGR of 1.9% during review period.

Flame retardants are a class of auxiliaries that inhibit the combustibility of polymers. They are mostly compounds of Group V, VII and III elements of the Periodic Table of the Elements; in particular, compounds of phosphorus, bromine, chlorine, gallium and aluminum. There are two types of flame retardants, additive and reactive. Additive flame retardants are mainly phosphate esters and halogenated phosphates, halogenated hydrocarbons, antimony oxides, and aluminum hydroxides. The advantages are easy to use and adaptable. However, due to the added amount of 10% to 30%, often affect the performance of plastics. Reactive flame retardants are actually monomers containing flame-retardant elements, so they have little effect on plastic properties. Common reactive flame retardants such as halogenated anhydrides for polyesters, tetrabromobisphenol A for epoxy resins, and phosphorus-containing polyols for polyurethanes.

The Global Aerospace Plastic Flame Retardant Market is estimated to reach. Increasing demand for plastics, because of lesser airframe weight and fuel savings is expected to drive market growth. Rising air traffic and evolving security standards will also have a positive influence.

The Global Info Research report includes an overview of the development of the Aerospace Plastic Flame Retardant industry chain, the market status of CFRP



(Antimony Oxide, Aluminum Trihydrate), GRP (Antimony Oxide, Aluminum Trihydrate), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Aerospace Plastic Flame Retardant.

Regionally, the report analyzes the Aerospace Plastic Flame Retardant markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Aerospace Plastic Flame Retardant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Aerospace Plastic Flame Retardant market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Aerospace Plastic Flame Retardant industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Antimony Oxide, Aluminum Trihydrate).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Aerospace Plastic Flame Retardant market.

Regional Analysis: The report involves examining the Aerospace Plastic Flame Retardant market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Aerospace Plastic Flame Retardant market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.



The report also involves a more granular approach to Aerospace Plastic Flame Retardant:

Company Analysis: Report covers individual Aerospace Plastic Flame Retardant manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Aerospace Plastic Flame Retardant This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (CFRP, GRP).

Technology Analysis: Report covers specific technologies relevant to Aerospace Plastic Flame Retardant. It assesses the current state, advancements, and potential future developments in Aerospace Plastic Flame Retardant areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Aerospace Plastic Flame Retardant market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Aerospace Plastic Flame Retardant market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Antimony Oxide

Aluminum Trihydrate



Organophosphates/Phosphorous

Boron Compounds

Market segment by Application

CFRP

GRP

Polycarbonate

Thermoset Polyimides

Acetal/Pom

Epoxies

Polyphthalamide (PPA)

Polypropylene (PP)

Polybutylene Terephthalate (PBT)

Major players covered

Huber Engineered Materials

Clariant Corporation

RTP Company

Lanxess

Ciba

Italmatch

Global Aerospace Plastic Flame Retardant Market 2024 by Manufacturers, Regions, Type and Application, Forecast...



Albemarle

Sinochem

DIC Corporation

Royal DSM

Israel Chemicals

Rio Tinto

Solvay

BASF

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 Aerospace Plastic Flame Retardant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aerospace Plastic Flame Retardant, with price, sales, revenue and global market share of Aerospace Plastic Flame Retardant



from 2019 to 2024.

Chapter 3, the Aerospace Plastic Flame Retardant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aerospace Plastic Flame Retardant breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023.and Aerospace Plastic Flame Retardant market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aerospace Plastic Flame Retardant.

Chapter 14 and 15, to describe Aerospace Plastic Flame Retardant sales channel, distributors, customers, research findings and conclusion.



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