

# **Global Flame Retardants Market Size study & Forecast, by Type (Alumina Trihydrate, Brominated Flame Retardants, Antimony Trioxide, Phosphorous Flame Retardants, Others), by Application (Unsaturated Polyester Resins, Epoxy Resins, PVC, Rubber, Polyolefins, Others), by End-User Industry (Construction, Automotive & Transportation, Electronics, Others) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Flame Retardants Market is valued at approximately USD 8.06 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 8% over the forecast period 2022-2029. Flame retardants are chemical compounds that are added to flammable materials such as plastics, textiles, and coatings to prevent a fire from starting or to slow down its growth. They are different substances having a variety of molecular structures, as well as different chemical and physical properties. These substances are either included in the products as an additive or introduced as a copolymer during the polymerization process. Products including foams, computers, mattresses, electric lines, insulation materials, and vehicle parts all include these chemicals. The major factor driving the market growth is the increase in regulations relating to fire and safety. The prevention of fire and explosion-related accidents at workplaces, industries, and public spaces is a primary concern for the governments of various countries. To promote the use of these retardants, has resulted in the implementation of strict regulations and laws for the industries. Also, another factor driving the market growth is growing demand in building and construction sector that create lucrative demand for the market during the forecast period.

According to Statista, the growth rate of construction industry across India was 5.65 percent from fiscal year 2015 to 2020, up from about 2.95% from fiscal year 2010 to fiscal year 2015. Also, escalating demand from the electronics sector would create lucrative opportunities for the market during the forecast period. However, the environmental & health issues associated with the use of flame retardants stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Flame Retardants Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the increasing demand for electrical components in various applications, such as wiring, power cables, and connectors and rising demand in building, transportation, and electronic devices. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising demand for flame retardants in building & construction, electrical & electronics, automotive, and textiles industries.

Major market players included in this report are:

Albemarle Corporation

BASF SE

DOW

Eastman Chemical Company

Hangzhou Lingrui Chemical Co. Ltd.

Hongbaoli Group Co. Ltd.

Huntsman International Llc

Lanxess

Muby Chemicals

Sasol

Recent Developments in the Market:

In 2021, Liquid Masteret, a new phosphorous flame retardant, was launched by Italmatch Chemicals S.p.A. The company introduced its concentrated combinations of micro-encapsulated and stabilised red phosphorus (RP). The product is used in the automotive, electrical & electronics, and construction industries, especially when halogen is not recommended due to the highly toxic smoke it generates in the case of a fire.

In 2021, Clariant AG started the construction of a flame-retardant manufacturing plant at its site location in Daya Bay, Huizhou, Guangdong Province, China.

Global Flame Retardants Market Report Scope:

Historical Data 2018, 2019, 2020

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Application, End-User Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Alumina Trihydrate

Brominated Flame Retardants

Antimony Trioxide

Phosphorous Flame Retardants

Others

By Application:

Unsaturated Polyester Resins

Epoxy Resins

PVC

Rubber

Polyolefins

Others

By End-User Industry:

Construction

Automotive & Transportation

Electronics

Others

By Region:

North America

U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Flame Retardants Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Flame Retardants Market, by Type, 2019-2029 (USD Billion)
  - 1.2.3. Flame Retardants Market, by Application, 2019-2029 (USD Billion)
  - 1.2.4. Flame Retardants Market, by End-User Industry, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL FLAME RETARDANTS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL FLAME RETARDANTS MARKET DYNAMICS**

- 3.1. Flame Retardants Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing Regulations Regarding Fire & Safety
    - 3.1.1.2. Growing Demand in Building and Construction Sector
  - 3.1.2. Market Challenges
    - 3.1.2.1. Environmental & Health Issues Associated with The Use of Flame Retardants
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Escalating Demand from Electronics Sector

### **CHAPTER 4. GLOBAL FLAME RETARDANTS MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Top Investment Opportunities
- 4.4. Top winning strategies
- 4.5. Industry Experts Prospective
- 4.6. Analyst Recommendation & Conclusion
- 4.7.

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL FLAME RETARDANTS MARKET, BY TYPE**

- 6.1. Market Snapshot
- 6.2. Global Flame Retardants Market by Type, Performance - Potential Analysis
- 6.3. Global Flame Retardants Market Estimates & Forecasts by Type, 2019-2029 (USD Billion)
- 6.4. Flame Retardants Market, Sub Segment Analysis
  - 6.4.1. Alumina Trihydrate
  - 6.4.2. Brominated Flame Retardants
  - 6.4.3. Antimony Trioxide
  - 6.4.4. Phosphorous Flame Retardants
  - 6.4.5. Others

## **CHAPTER 7. GLOBAL FLAME RETARDANTS MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Flame Retardants Market by Application, Performance - Potential Analysis
- 7.3. Global Flame Retardants Market Estimates & Forecasts by Application, 2019-2029 (USD Billion)

## 7.4. Flame Retardants Market, Sub Segment Analysis

- 7.4.1. Unsaturated Polyester Resins
- 7.4.2. Epoxy Resins
- 7.4.3. PVC
- 7.4.4. Rubber
- 7.4.5. Polyolefins
- 7.4.6. Others

## **CHAPTER 8. GLOBAL FLAME RETARDANTS MARKET, BY END-USER INDUSTRY**

### 8.1. Market Snapshot

### 8.2. Global Flame Retardants Market by End-User Industry, Performance - Potential Analysis

### 8.3. Global Flame Retardants Market Estimates & Forecasts by End-User Industry, 2019-2029 (USD Billion)

### 8.4. Flame Retardants Market, Sub Segment Analysis

- 8.4.1. Construction
- 8.4.2. Automotive & Transportation
- 8.4.3. Electronics
- 8.4.4. Others

## **CHAPTER 9. GLOBAL FLAME RETARDANTS MARKET, REGIONAL ANALYSIS**

### 9.1. Flame Retardants Market, Regional Market Snapshot

### 9.2. North America Flame Retardants Market

#### 9.2.1. U.S. Flame Retardants Market

##### 9.2.1.1. Type breakdown estimates & forecasts, 2019-2029

##### 9.2.1.2. Application breakdown estimates & forecasts, 2019-2029

##### 9.2.1.3. End-User Industry breakdown estimates & forecasts, 2019-2029

#### 9.2.2. Canada Flame Retardants Market

### 9.3. Europe Flame Retardants Market Snapshot

#### 9.3.1. U.K. Flame Retardants Market

#### 9.3.2. Germany Flame Retardants Market

#### 9.3.3. France Flame Retardants Market

#### 9.3.4. Spain Flame Retardants Market

#### 9.3.5. Italy Flame Retardants Market

#### 9.3.6. Rest of Europe Flame Retardants Market

### 9.4. Asia-Pacific Flame Retardants Market Snapshot

#### 9.4.1. China Flame Retardants Market

- 9.4.2. India Flame Retardants Market
- 9.4.3. Japan Flame Retardants Market
- 9.4.4. Australia Flame Retardants Market
- 9.4.5. South Korea Flame Retardants Market
- 9.4.6. Rest of Asia Pacific Flame Retardants Market
- 9.5. Latin America Flame Retardants Market Snapshot
  - 9.5.1. Brazil Flame Retardants Market
  - 9.5.2. Mexico Flame Retardants Market
  - 9.5.3. Rest of LATAM Flame Retardants Market
- 9.6. Rest of The World Flame Retardants Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Company Profiles
  - 10.1.1. Albemarle Corporation
    - 10.1.1.1. Key Information
    - 10.1.1.2. Overview
    - 10.1.1.3. Financial (Subject to Data Availability)
    - 10.1.1.4. Product Summary
    - 10.1.1.5. Recent Developments
  - 10.1.2. BASF SE
  - 10.1.3. DOW
  - 10.1.4. Eastman Chemical Company
  - 10.1.5. Hangzhou Lingrui Chemical Co. Ltd.
  - 10.1.6. Hongbaoli Group Co. Ltd.
  - 10.1.7. Huntsman International Llc
  - 10.1.8. Lanxess
  - 10.1.9. Muby Chemicals
  - 10.1.10. Sasol

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes



### 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Flame Retardants Market, report scope

TABLE 2. Global Flame Retardants Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Flame Retardants Market estimates & forecasts by Type 2019-2029 (USD Billion)

TABLE 4. Global Flame Retardants Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 5. Global Flame Retardants Market estimates & forecasts by End-User Industry 2019-2029 (USD Billion)

TABLE 6. Global Flame Retardants Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Flame Retardants Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Flame Retardants Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Flame Retardants Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Flame Retardants Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Flame Retardants Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Flame Retardants Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Flame Retardants Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Flame Retardants Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Flame Retardants Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Flame Retardants Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 39. RoE Flame Retardants Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 40. China Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. China Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 44. India Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. India Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 47. Japan Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. Japan Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 50. South Korea Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. South Korea Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 53. Australia Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. Australia Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 56. RoAPAC Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Flame Retardants Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Flame Retardants Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Flame Retardants Market

TABLE 71. List of primary sources, used in the study of global Flame Retardants Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Flame Retardants Market, research methodology
  - FIG 2. Global Flame Retardants Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Flame Retardants Market, key trends 2021
  - FIG 5. Global Flame Retardants Market, growth prospects 2022-2029
  - FIG 6. Global Flame Retardants Market, porters 5 force model
  - FIG 7. Global Flame Retardants Market, pest analysis
  - FIG 8. Global Flame Retardants Market, value chain analysis
  - FIG 9. Global Flame Retardants Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Flame Retardants Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Flame Retardants Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Flame Retardants Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Flame Retardants Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Flame Retardants Market, regional snapshot 2019 & 2029
  - FIG 15. North America Flame Retardants Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Flame Retardants Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia Pacific Flame Retardants Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Flame Retardants Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Flame Retardants Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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