

Flame Retardant Masterbatches Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 176 pages | EMR Inc.

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Report description:

The global flame retardant masterbatches market attained a value of almost USD 2530.67 Million in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 10.20%, to reach USD 6684.23 Million by 2034.

The industry is being driven by the increasing construction activities, globally. The growing automotive sector in North America and Asia Pacific regions is further driving the industry growth.

Market Segmentation

Flame retardant masterbatches incorporated with plastics are widely used as a building material. It conforms to significant fire security laws. The various types of flame retardant masterbatches include:

Market Breakup by Type

- Brominated
- Chlorinated
- Organophosphorus
- Antimony Oxides
- Alumina Trihydrate (ATH)
- Others

Market Breakup by Resin

- PE
- PP
- ABS

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- PS
- PC
- Others

Market Breakup by End Use

- Automobile
- Building and Construction
- Electrical and Electronics
- Consumer Products
- Packaging
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Analysis

The global flame retardant masterbatches market is being driven by the rising popularity of non-halogenated flame retardant chemicals. However, the stringent government regulations in Europe and North America regarding the usage of toxic flame retardants are expected to hamper the growth of the market. The Asia Pacific leads the market, owing to the rising complexity of vehicles in India and China. Japan, being one of the top three producers of automotive vehicles in the world, provides further impetus to the growth of the industry in the Asia Pacific region, and thus, aids the global market growth as well.

Based on types, alumina trihydrate accounted for the significant market share in 2017 due to its high demand in the production of thermoplastics, particularly in developing economies like China, India, and Brazil. The building and construction segment is dominating the market, currently, due to the increasing demand for the product in the construction sector to provide superior structural integrity.

Competitive Landscape

The report presents a detailed analysis of the following key players in the global flame retardant masterbatches market, looking into their capacity and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Albemarle Corporation (NYSE: ALB)
- BASF SE (ETR: BAS)
- Clariant AG (SWX: CLN)
- Nouryon Chemicals Holding B.V.
- LANXESS AG (ETR: LXS)
- DIC Corporation (TYO: 4631)
- Tosaf Compounds Ltd.
- Others

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The EMR report gives an in-depth insight into the industry by providing a SWOT analysis as well as an analysis of Porter's five forces.

Table of Contents:

- 1 Executive Summary
- 1.1 Market Size 2024-2025
- 1.2 Market Growth 2025(F)-2034(F)
- 1.3 Key Demand Drivers
- 1.4 Key Players and Competitive Structure
- 1.5 Industry Best Practices
- 1.6 Recent Trends and Developments
- 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
- 2.1 Market Trends
- 2.2 Key Verticals
- 2.3 Key Regions
- 2.4 Supplier Power
- 2.5 Buyer Power
- 2.6 Key Market Opportunities and Risks
- 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
- 3.1 GDP Outlook
- 3.2 GDP Per Capita Growth
- 3.3 Inflation Trends
- 3.4 Democracy Index
- 3.5 Gross Public Debt Ratios
- 3.6 Balance of Payment (BoP) Position
- 3.7 Population Outlook
- 3.8 Urbanisation Trends
- 4 Country Risk Profiles
- 4.1 Country Risk
- 4.2 Business Climate
- 5 Global Flame Retardant Masterbatches Market Analysis
- 5.1 Key Industry Highlights
- 5.2 Global Flame Retardant Masterbatches Historical Market (2018-2024)
- 5.3 Global Flame Retardant Masterbatches Market Forecast (2025-2034)
- 5.4 Global Flame Retardant Masterbatches Market by Type
- 5.4.1 Brominated
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
- 5.4.2 Chlorinated
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
- 5.4.3 Organophosphorus

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- 5.4.3.1 Historical Trend (2018-2024)
- 5.4.3.2 Forecast Trend (2025-2034)
- 5.4.4 Antimony Oxides
- 5.4.4.1 Historical Trend (2018-2024)
- 5.4.4.2 Forecast Trend (2025-2034)
- 5.4.5 Alumina Trihydrate (ATH)
- 5.4.5.1 Historical Trend (2018-2024)
- 5.4.5.2 Forecast Trend (2025-2034)
- 5.4.6 Others
- 5.5 Global Flame Retardant Masterbatches Market by Resin
 - 5.5.1 PE
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 PP
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 ABS
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
 - 5.5.4 PS
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
 - 5.5.5 PC
 - 5.5.5.1 Historical Trend (2018-2024)
 - 5.5.5.2 Forecast Trend (2025-2034)
 - 5.5.6 Others
- 5.6 Global Flame Retardant Masterbatches Market by End Use
 - 5.6.1 Automobile
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Building and Construction
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Electrical and Electronics
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Consumer Products
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Packaging
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
 - 5.6.6 Others
- 5.7 Global Flame Retardant Masterbatches Market by Region
 - 5.7.1 North America
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)

- 5.7.2 Europe
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
- 5.7.3 Asia Pacific
 - 5.7.3.1 Historical Trend (2018-2024)
 - 5.7.3.2 Forecast Trend (2025-2034)
- 5.7.4 Latin America
 - 5.7.4.1 Historical Trend (2018-2024)
 - 5.7.4.2 Forecast Trend (2025-2034)
- 5.7.5 Middle East and Africa
 - 5.7.5.1 Historical Trend (2018-2024)
 - 5.7.5.2 Forecast Trend (2025-2034)
- 6 North America Flame Retardant Masterbatches Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Flame Retardant Masterbatches Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific Flame Retardant Masterbatches Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia

- 8.5.1 Historical Trend (2018-2024)
- 8.5.2 Forecast Trend (2025-2034)
- 8.6 Others
- 9 Latin America Flame Retardant Masterbatches Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Flame Retardant Masterbatches Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Price Analysis
- 14 Procurement Insights
 - 14.1 Contract Terms
 - 14.2 Cost Structure

14.2.1 Raw Material
14.2.2 Utility
14.2.3 Labour Cost
14.2.4 Fixed Cost
14.3 Pricing Model
14.4 Vendor Selection Criteria
14.5 Supplier and Buyer Power at Regional Level
14.5.1 Demand
14.5.2 Supply
14.5.3 Raw Material/Feedstock Availability
14.5.4 Supplier Power
14.5.5 Buyer Power
14.6 Procurement Strategy: Best Practices
15 Competitive Landscape
15.1 Supplier Selection
15.2 Key Global Players
15.3 Key Regional Players
15.4 Key Player Strategies
15.5 Company Profiles
15.5.1 Albemarle Corporation
15.5.1.1 Company Overview
15.5.1.2 Product Portfolio
15.5.1.3 Demographic Reach and Achievements
15.5.1.4 Certifications
15.5.2 BASF SE
15.5.2.1 Company Overview
15.5.2.2 Product Portfolio
15.5.2.3 Demographic Reach and Achievements
15.5.2.4 Certifications
15.5.3 Clariant AG
15.5.3.1 Company Overview
15.5.3.2 Product Portfolio
15.5.3.3 Demographic Reach and Achievements
15.5.3.4 Certifications
15.5.4 Nouryon Chemicals Holding B.V.
15.5.4.1 Company Overview
15.5.4.2 Product Portfolio
15.5.4.3 Demographic Reach and Achievements
15.5.4.4 Certifications
15.5.5 LANXESS AG
15.5.5.1 Company Overview
15.5.5.2 Product Portfolio
15.5.5.3 Demographic Reach and Achievements
15.5.5.4 Certifications
15.5.6 DIC Corporation
15.5.6.1 Company Overview
15.5.6.2 Product Portfolio

15.5.6.3 Demographic Reach and Achievements

15.5.6.4 Certifications

15.5.7 Tosaf Compounds Ltd.

15.5.7.1 Company Overview

15.5.7.2 Product Portfolio

15.5.7.3 Demographic Reach and Achievements

15.5.7.4 Certifications

15.5.8 Others

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