

**Flame Retardants for Engineering Resins Market by Type (Brominated, Phosphorous), Application (Polyamide, ABS, PET & PBT, PC/ABS Blends), End-use Industries (Electrical & Electronics, Automotive & Transportation), and Region - Global Forecast to 2030**

Market Report | 2025-10-29 | 302 pages | MarketsandMarkets

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**Report description:**

The flame retardants for engineering resins market is poised for significant growth, with a projected value of USD 3.2 billion by 2030 from the estimated USD 2.2 billion in 2025, exhibiting a robust CAGR of 7.79%. The superior properties of flame retardants for engineering resins, such as thermal stability, enhanced fire resistance, and the ability to effectively reduce flammability and slow the spread of flames, are fueling the adoption of flame retardants for engineering resins. Innovations in electrical devices, application methods, and materials have significantly enhanced the performance, functionality, and flexibility of flame retardants for engineering resins. These factors are propelling the demand for flame retardants for engineering resins in various end-use industries.

<https://mnmimg.marketsandmarkets.com/Images/flame-retardants-market-overview1.webp>

"Brominated flame retardant segment to account for largest market share in 2025"

The brominated flame retardants segment accounts for the largest share of the overall flame retardants for engineering resins market due to their established efficacy and wide availability. Despite growing environmental concerns, their proven ability to effectively reduce flammability and their relatively lower cost compared to alternatives sustained their dominance. Additionally, their compatibility with various engineering resin formulations and stringent industry standards further solidified their leading position in the market segment.

"Polyamide to be largest application of flame retardants for engineering resins in 2025"

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The polyamide segment is the largest application of flame retardants for engineering resins market, primarily due to its compatibility with a broad range of flame retardant additives. Polyamide resins offer flexibility in formulation, allowing manufacturers to incorporate various flame retardant agents while maintaining desirable mechanical and thermal properties. This versatility makes polyamide-based engineering resins a preferred choice for applications where both flame resistance and material performance are critical.

"Electrical & electronics to be largest end-use industry of flame retardants for engineering resins market in 2025"

The electrical & electronics sector asserts its dominance as the leading end user of flame retardants for engineering resins. The ubiquitous integration of electronic components across various sectors necessitated flame-retardant materials for enhanced safety and regulatory compliance. Moreover, the global surge in demand for electronic devices, coupled with technological advancements, fueled the requirement for engineering resins with superior fire resistance properties. Stringent industry standards and regulations mandated the incorporation of flame-retardant additives in engineering resin formulations, solidifying its position as the largest end-use industry.

"Asia Pacific to be fastest-growing flame retardants for engineering resins market during forecast period"

Asia Pacific is projected to be the fastest-growing market for flame retardants for engineering resins. The region's expanding automotive, electronics, and construction sectors are driving escalated demand for flame-retardant materials integrated into engineering resins. Robust industrialization and urbanization across Asia Pacific are fostering infrastructure development, thereby intensifying the requirement for flame retardants for engineering resins in construction applications.

In the process of determining and verifying market sizes for multiple segments and subsegments, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees is as follows:

-□By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

-□By Designation: - Director Level - 27%, C-Level - 25%, and Others - 48%

-□By Region: North America - 32%, Europe - 28%, Asia Pacific - 21%, South America - 12%, and Middle East & Africa - 7%

The key market players profiled in the report include Albemarle Corporation (US), LANXESS AG (Germany), BASF SE (Germany), Israel Chemicals Ltd. (Israel), Huber Engineered Materials (US), Clariant AG (Switzerland), Nabaltec AG (Germany), Italmatch Chemicals S.p.A (Italy), RTP Company (US), and Chemische Fabrik Budenheim KG (Germany).

#### Research Coverage

This report segments the market for flame retardants for engineering resins based on type, application, end-use industry, and region, and provides estimations for the overall value (USD million) of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers & acquisitions associated with the market for flame retardants for engineering resins.

#### Reasons to Buy this Report

This research report is focused on various levels of analysis-industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view of the competitive landscape; emerging and high-growth segments of the flame retardants for engineering resins; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

-□Analysis of key drivers (Global rise in fire incidents, Stringent fire safety regulations, Increasing demand for engineering plastics in various industries), restraints (High loading levels of mineral-based flame retardants, Harmful chemicals used in flame retardants, Fluctuation in raw materials cost), opportunities (Introduction of more effective synergist compounds, Rising demand in consumer electronics), and challenges (Emphasis on environmental protection, Health risks associated with flame retardant chemicals)

-□Market Penetration: Comprehensive information on the flame retardants for engineering resins offered by top players in the global flame retardants for engineering resins market

-□Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the flame retardants for engineering resins market.

-□Market Development: Comprehensive information about lucrative emerging markets-the report analyzes the markets for flame

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retardants for engineering resins across regions

- Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global flame retardants for engineering resins market
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the flame retardants for engineering resins market
- Impact of recession on the flame retardants for engineering resins market

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**Flame Retardants for Engineering Resins Market by Type (Brominated, Phosphorous), Application (Polyamide, ABS, PET & PBT, PC/ABS Blends), End-use Industries (Electrical & Electronics, Automotive & Transportation), and Region - Global Forecast to 2030**

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