

Global Brominated Epoxy Resin Market Size study & Forecast, by Application (Flame Retardant, Composites, Sealing Materials, Others) By End Use (Electrical and Electronics, Construction, Wind Turbine, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Brominated Epoxy Resin Market is valued approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. Brominated epoxy resin is a type of resin that contains bromine atoms within its chemical structure. Epoxy resins are a class of thermosetting polymers commonly used in various industrial applications due to their excellent mechanical and electrical properties. The Brominated Epoxy Resin market is expanding because of factors such as increasing demand for fire-retardant materials and growing demand of printed circuit boards. The addition of bromine to epoxy resin introduces flame-retardant properties, making it suitable for applications where Fire safety is a concern.

Brominated epoxy resin is known for its high resistance to heat and flame propagation, making it useful in industries such as electronics, aerospace, automotive, and construction. Its importance has progressively increased during the last few decades.

According to the Statista, the market value flame retardants worldwide amounted to some USD 8.2 billion in 2021. It is forecast that the market size of this industry will grow to around USD 13.6 billion worldwide in the year 2030. Furthermore, as per American Chemistry Council's in 2020, fire departments in the United States responded to a fire incident in every 23 seconds. That same year, firefighters responded to an estimated 1.4 million fires that resulted in 3,500 civilian fire fatalities and an estimated USD 29.1 billion in property damage. Another important component driving space increase is demand for printed circuit boards. As per Statista, in 2022, the output volume of printed circuit boards in Taiwan reached about 625 million square feet. Circuit boards, often

consist of multiple isolated layers or are double-sided, are the basis that holds electric components and integrated circuits. In addition, the Indian market for printed circuit board assembly has reached USD 16 billion in 2020. Also, rapid industrialization and rising construction activities would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of Brominated Epoxy Resin stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Brominated Epoxy Resin Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia-Pacific dominated the market in 2022 owing to the high demand for electronic devices and the growth of the construction industry. According to the Statista, The Asia-Pacific consumer electronics business accounts approx. USD 257 billion in 2020. North America is expected to grow significantly during the forecast period, owing to geographic expansion of key players, and active participation of government organizations in the market space.

Major market player included in this report are:

Poliya Composite Resins and Polymers, Inc.,
Dow Inc.,
Shell plc,
Mitsui Chemicals Inc.,
Dic corporation,
Dalian Richfortune Chemicals Co., Ltd.,
Olin Corporation,
Novel Chem,
GYC Group,
Chang Chun Group

Recent Developments in the Market:

In March 2023, DOW Inc has launched the Fingerprint DFDA-7555 NT, a bimodal Polyethylene resin for the micro irrigation market. This product is an expansion of the company's Fingerprint Polyethylene resin line, and it is made utilizing Unipol II process technology. The new Fingerprint grade meets the growing demand for materials that may provide dependable, high-performing, and long-lasting micro irrigation systems that assist to increase water productivity, improve crop yields, and conserve vital resources.

Global Brominated Epoxy Resin Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Application, End Use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Application

Flame Retardant

Composites

Sealing Materials

Others

By End Use

Electrical and Electronics

Construction

Wind Turbine

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Brominated Epoxy Resin Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Brominated Epoxy Resin Market, by Application, 2020-2030 (USD Billion)
 - 1.2.3. Brominated Epoxy Resin Market, by End Use, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BROMINATED EPOXY RESIN MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL BROMINATED EPOXY RESIN MARKET DYNAMICS

- 3.1. Brominated Epoxy Resin Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand of fire-retardant materials
 - 3.1.1.2. Growing demand of printed circuit boards
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Brominated Epoxy Resin
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rapid industrialization
 - 3.1.3.2. Rising construction activities

CHAPTER 4. GLOBAL BROMINATED EPOXY RESIN 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. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BROMINATED EPOXY RESIN MARKET, BY APPLICATION

- 5.1. Market Snapshot
- 5.2. Global Brominated Epoxy Resin Market by Application, Performance - Potential Analysis
- 5.3. Global Brominated Epoxy Resin Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 5.4. Brominated Epoxy Resin Market, Sub Segment Analysis
 - 5.4.1. Flame Retardant
 - 5.4.2. Composites
 - 5.4.3. Sealing Materials
 - 5.4.4. Others

CHAPTER 6. GLOBAL BROMINATED EPOXY RESIN MARKET, BY END USE

- 6.1. Market Snapshot
- 6.2. Global Brominated Epoxy Resin Market by End Use, Performance - Potential Analysis
- 6.3. Global Brominated Epoxy Resin Market Estimates & Forecasts by End Use

2020-2030 (USD Billion)

6.4. Brominated Epoxy Resin Market, Sub Segment Analysis

- 6.4.1. Electrical and Electronics
- 6.4.2. Construction
- 6.4.3. Wind Turbine
- 6.4.4. Others

CHAPTER 7. GLOBAL BROMINATED EPOXY RESIN MARKET, REGIONAL ANALYSIS

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Brominated Epoxy Resin Market, Regional Market Snapshot

7.4. North America Brominated Epoxy Resin Market

7.4.1. U.S. Brominated Epoxy Resin Market

7.4.1.1. Application breakdown estimates & forecasts, 2020-2030

7.4.1.2. End Use breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Brominated Epoxy Resin Market

7.5. Europe Brominated Epoxy Resin Market Snapshot

7.5.1. U.K. Brominated Epoxy Resin Market

7.5.2. Germany Brominated Epoxy Resin Market

7.5.3. France Brominated Epoxy Resin Market

7.5.4. Spain Brominated Epoxy Resin Market

7.5.5. Italy Brominated Epoxy Resin Market

7.5.6. Rest of Europe Brominated Epoxy Resin Market

7.6. Asia-Pacific Brominated Epoxy Resin Market Snapshot

7.6.1. China Brominated Epoxy Resin Market

7.6.2. India Brominated Epoxy Resin Market

7.6.3. Japan Brominated Epoxy Resin Market

7.6.4. Australia Brominated Epoxy Resin Market

7.6.5. South Korea Brominated Epoxy Resin Market

7.6.6. Rest of Asia Pacific Brominated Epoxy Resin Market

7.7. Latin America Brominated Epoxy Resin Market Snapshot

7.7.1. Brazil Brominated Epoxy Resin Market

7.7.2. Mexico Brominated Epoxy Resin Market

7.8. Middle East & Africa Brominated Epoxy Resin Market

7.8.1. Saudi Arabia Brominated Epoxy Resin Market

7.8.2. South Africa Brominated Epoxy Resin Market

7.8.3. Rest of Middle East & Africa Brominated Epoxy Resin Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

8.1.3. Company

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. Poliya Composite Resins and Polymers, Inc

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Recent Developments

8.3.2. Dow Inc.,

8.3.3. Shell plc,

8.3.4. Mitsui Chemicals Inc.,

8.3.5. Dic corporation,

8.3.6. Dalian Richfortune Chemicals Co., Ltd.,

8.3.7. Olin Corporation,

8.3.8. Novel Chem,

8.3.9. GYC Group,

8.3.10. Chang Chun Group

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Brominated Epoxy Resin Market, report scope

TABLE 2. Global Brominated Epoxy Resin Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global Brominated Epoxy Resin Market estimates & forecasts by Application
2020-2030 (USD Billion)

TABLE 4. Global Brominated Epoxy Resin Market estimates & forecasts by End Use
2020-2030 (USD Billion)

TABLE 5. Global Brominated Epoxy Resin Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 6. Global Brominated Epoxy Resin Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Brominated Epoxy Resin Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Brominated Epoxy Resin Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Brominated Epoxy Resin Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Brominated Epoxy Resin Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Brominated Epoxy Resin Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Brominated Epoxy Resin Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Brominated Epoxy Resin Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Brominated Epoxy Resin Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. U.S. Brominated Epoxy Resin Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 16. U.S. Brominated Epoxy Resin Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 17. U.S. Brominated Epoxy Resin Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. Canada Brominated Epoxy Resin Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 19. Canada Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Brominated Epoxy Resin Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Brominated Epoxy Resin Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Brominated Epoxy Resin Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Brominated Epoxy Resin Market

TABLE 70. List of primary sources, used in the study of global Brominated Epoxy Resin Market

TABLE 71. Years considered for the study

TABLE 72. 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 Brominated Epoxy Resin Market, research methodology
- FIG 2. Global Brominated Epoxy Resin Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Brominated Epoxy Resin Market, key trends 2022
- FIG 5. Global Brominated Epoxy Resin Market, growth prospects 2023-2030
- FIG 6. Global Brominated Epoxy Resin Market, porters 5 force model
- FIG 7. Global Brominated Epoxy Resin Market, pest analysis
- FIG 8. Global Brominated Epoxy Resin Market, value chain analysis
- FIG 9. Global Brominated Epoxy Resin Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global Brominated Epoxy Resin Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global Brominated Epoxy Resin Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global Brominated Epoxy Resin Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global Brominated Epoxy Resin Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global Brominated Epoxy Resin Market, regional snapshot 2020 & 2030
- FIG 15. North America Brominated Epoxy Resin Market 2020 & 2030 (USD Billion)
- FIG 16. Europe Brominated Epoxy Resin Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific Brominated Epoxy Resin Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America Brominated Epoxy Resin Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa Brominated Epoxy Resin Market 2020 & 2030 (USD Billion)

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

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