

Global BT Resins Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global BT Resins market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Some key features and characteristics of BT resins include:

High Heat Resistance: BT resins exhibit exceptional heat resistance, with high glass transition temperatures (T_g). They can withstand elevated temperatures without significant degradation, making them suitable for applications requiring thermal stability.

Low Shrinkage: BT resins have low shrinkage during the curing process, which helps to minimize internal stresses and ensure dimensional stability of the final cured product.

Excellent Mechanical Properties: BT resins offer a unique combination of high strength, stiffness, and toughness. They possess good tensile, flexural, and impact strength, allowing for the fabrication of strong and durable components.

Flame Resistance: BT resins exhibit inherent flame retardant properties. They have a low flammability and produce little smoke and toxic gases when exposed to fire, making them suitable for applications with strict fire safety requirements.

Electrical Insulation: BT resins possess excellent electrical insulation properties. They have a high dielectric strength and low dielectric constant, making them suitable for electrical and electronic applications that require insulation and high-frequency performance.

BT resins find applications in various industries, including aerospace, automotive,

electronics, and electrical insulation. They are used in the manufacturing of composites, adhesives, coatings, and molded components. The versatility and exceptional properties of BT resins make them valuable in demanding applications where high-performance materials are required.

BT resins, also known as Benzoxazine resins, are a type of thermosetting polymer that belong to the phenolic resin family. They are characterized by a unique chemical structure that includes a benzene ring, an oxazine ring, and a primary amine group. BT resins offer a combination of excellent mechanical, thermal, and electrical properties, making them suitable for various high-performance applications.

This report studies the global BT Resins production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for BT Resins, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of BT Resins that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global BT Resins total production and demand, 2018-2029, (Tons)

Global BT Resins total production value, 2018-2029, (USD Million)

Global BT Resins production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global BT Resins consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: BT Resins domestic production, consumption, key domestic manufacturers and share

Global BT Resins production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global BT Resins production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global BT Resins production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global BT Resins market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Chemical, Nan Ya Plastics and Unicom Electronics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World BT Resins market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global BT Resins Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global BT Resins Market, Segmentation by Type

PCB

Electronic Packaging

Global BT Resins Market, Segmentation by Application

Consumer Electronics

Computer

Communication

Industrial & Medical

Automotive

Military & Aviation

Other

Companies Profiled:

Mitsubishi Chemical

Nan Ya Plastics

Unicom Electronics

Key Questions Answered

1. How big is the global BT Resins market?
2. What is the demand of the global BT Resins market?
3. What is the year over year growth of the global BT Resins market?
4. What is the production and production value of the global BT Resins market?
5. Who are the key producers in the global BT Resins market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 BT Resins Introduction
- 1.2 World BT Resins Supply & Forecast
 - 1.2.1 World BT Resins Production Value (2018 & 2022 & 2029)
 - 1.2.2 World BT Resins Production (2018-2029)
 - 1.2.3 World BT Resins Pricing Trends (2018-2029)
- 1.3 World BT Resins Production by Region (Based on Production Site)
 - 1.3.1 World BT Resins Production Value by Region (2018-2029)
 - 1.3.2 World BT Resins Production by Region (2018-2029)
 - 1.3.3 World BT Resins Average Price by Region (2018-2029)
 - 1.3.4 North America BT Resins Production (2018-2029)
 - 1.3.5 Europe BT Resins Production (2018-2029)
 - 1.3.6 China BT Resins Production (2018-2029)
 - 1.3.7 Japan BT Resins Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 BT Resins Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 BT Resins Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World BT Resins Demand (2018-2029)
- 2.2 World BT Resins Consumption by Region
 - 2.2.1 World BT Resins Consumption by Region (2018-2023)
 - 2.2.2 World BT Resins Consumption Forecast by Region (2024-2029)
- 2.3 United States BT Resins Consumption (2018-2029)
- 2.4 China BT Resins Consumption (2018-2029)
- 2.5 Europe BT Resins Consumption (2018-2029)
- 2.6 Japan BT Resins Consumption (2018-2029)
- 2.7 South Korea BT Resins Consumption (2018-2029)
- 2.8 ASEAN BT Resins Consumption (2018-2029)
- 2.9 India BT Resins Consumption (2018-2029)

3 WORLD BT RESINS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World BT Resins Production Value by Manufacturer (2018-2023)
- 3.2 World BT Resins Production by Manufacturer (2018-2023)
- 3.3 World BT Resins Average Price by Manufacturer (2018-2023)
- 3.4 BT Resins Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global BT Resins Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for BT Resins in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for BT Resins in 2022
- 3.6 BT Resins Market: Overall Company Footprint Analysis
 - 3.6.1 BT Resins Market: Region Footprint
 - 3.6.2 BT Resins Market: Company Product Type Footprint
 - 3.6.3 BT Resins Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: BT Resins Production Value Comparison
 - 4.1.1 United States VS China: BT Resins Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: BT Resins Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: BT Resins Production Comparison
 - 4.2.1 United States VS China: BT Resins Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: BT Resins Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: BT Resins Consumption Comparison
 - 4.3.1 United States VS China: BT Resins Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: BT Resins Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based BT Resins Manufacturers and Market Share, 2018-2023

4.4.1 United States Based BT Resins Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers BT Resins Production Value (2018-2023)

4.4.3 United States Based Manufacturers BT Resins Production (2018-2023)

4.5 China Based BT Resins Manufacturers and Market Share

4.5.1 China Based BT Resins Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers BT Resins Production Value (2018-2023)

4.5.3 China Based Manufacturers BT Resins Production (2018-2023)

4.6 Rest of World Based BT Resins Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based BT Resins Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers BT Resins Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers BT Resins Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World BT Resins Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 PCB

5.2.2 Electronic Packaging

5.3 Market Segment by Type

5.3.1 World BT Resins Production by Type (2018-2029)

5.3.2 World BT Resins Production Value by Type (2018-2029)

5.3.3 World BT Resins Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World BT Resins Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Computer

6.2.3 Communication

6.2.4 Industrial & Medical

6.2.5 Automotive

6.2.6 Military & Aviation

6.2.7 Other

6.3 Market Segment by Application

6.3.1 World BT Resins Production by Application (2018-2029)

6.3.2 World BT Resins Production Value by Application (2018-2029)

6.3.3 World BT Resins Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Mitsubishi Chemical

7.1.1 Mitsubishi Chemical Details

7.1.2 Mitsubishi Chemical Major Business

7.1.3 Mitsubishi Chemical BT Resins Product and Services

7.1.4 Mitsubishi Chemical BT Resins Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Mitsubishi Chemical Recent Developments/Updates

7.1.6 Mitsubishi Chemical Competitive Strengths & Weaknesses

7.2 Nan Ya Plastics

7.2.1 Nan Ya Plastics Details

7.2.2 Nan Ya Plastics Major Business

7.2.3 Nan Ya Plastics BT Resins Product and Services

7.2.4 Nan Ya Plastics BT Resins Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Nan Ya Plastics Recent Developments/Updates

7.2.6 Nan Ya Plastics Competitive Strengths & Weaknesses

7.3 Unicom Electronics

7.3.1 Unicom Electronics Details

7.3.2 Unicom Electronics Major Business

7.3.3 Unicom Electronics BT Resins Product and Services

7.3.4 Unicom Electronics BT Resins Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Unicom Electronics Recent Developments/Updates

7.3.6 Unicom Electronics Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 BT Resins Industry Chain

8.2 BT Resins Upstream Analysis

8.2.1 BT Resins Core Raw Materials

8.2.2 Main Manufacturers of BT Resins Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 BT Resins Production Mode

8.6 BT Resins Procurement Model

8.7 BT Resins Industry Sales Model and Sales Channels

8.7.1 BT Resins Sales Model

8.7.2 BT Resins Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World BT Resins Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World BT Resins Production Value by Region (2018-2023) & (USD Million)
- Table 3. World BT Resins Production Value by Region (2024-2029) & (USD Million)
- Table 4. World BT Resins Production Value Market Share by Region (2018-2023)
- Table 5. World BT Resins Production Value Market Share by Region (2024-2029)
- Table 6. World BT Resins Production by Region (2018-2023) & (Tons)
- Table 7. World BT Resins Production by Region (2024-2029) & (Tons)
- Table 8. World BT Resins Production Market Share by Region (2018-2023)
- Table 9. World BT Resins Production Market Share by Region (2024-2029)
- Table 10. World BT Resins Average Price by Region (2018-2023) & (US\$/Ton)
- Table 11. World BT Resins Average Price by Region (2024-2029) & (US\$/Ton)
- Table 12. BT Resins Major Market Trends
- Table 13. World BT Resins Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)
- Table 14. World BT Resins Consumption by Region (2018-2023) & (Tons)
- Table 15. World BT Resins Consumption Forecast by Region (2024-2029) & (Tons)
- Table 16. World BT Resins Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key BT Resins Producers in 2022
- Table 18. World BT Resins Production by Manufacturer (2018-2023) & (Tons)
- Table 19. Production Market Share of Key BT Resins Producers in 2022
- Table 20. World BT Resins Average Price by Manufacturer (2018-2023) & (US\$/Ton)
- Table 21. Global BT Resins Company Evaluation Quadrant
- Table 22. World BT Resins Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and BT Resins Production Site of Key Manufacturer
- Table 24. BT Resins Market: Company Product Type Footprint
- Table 25. BT Resins Market: Company Product Application Footprint
- Table 26. BT Resins Competitive Factors
- Table 27. BT Resins New Entrant and Capacity Expansion Plans
- Table 28. BT Resins Mergers & Acquisitions Activity
- Table 29. United States VS China BT Resins Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China BT Resins Production Comparison, (2018 & 2022 &

2029) & (Tons)

Table 31. United States VS China BT Resins Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based BT Resins Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers BT Resins Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers BT Resins Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers BT Resins Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers BT Resins Production Market Share (2018-2023)

Table 37. China Based BT Resins Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers BT Resins Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers BT Resins Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers BT Resins Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers BT Resins Production Market Share (2018-2023)

Table 42. Rest of World Based BT Resins Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers BT Resins Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers BT Resins Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers BT Resins Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers BT Resins Production Market Share (2018-2023)

Table 47. World BT Resins Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World BT Resins Production by Type (2018-2023) & (Tons)

Table 49. World BT Resins Production by Type (2024-2029) & (Tons)

Table 50. World BT Resins Production Value by Type (2018-2023) & (USD Million)

Table 51. World BT Resins Production Value by Type (2024-2029) & (USD Million)

Table 52. World BT Resins Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World BT Resins Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World BT Resins Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World BT Resins Production by Application (2018-2023) & (Tons)

Table 56. World BT Resins Production by Application (2024-2029) & (Tons)

Table 57. World BT Resins Production Value by Application (2018-2023) & (USD Million)

Table 58. World BT Resins Production Value by Application (2024-2029) & (USD Million)

Table 59. World BT Resins Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World BT Resins Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 62. Mitsubishi Chemical Major Business

Table 63. Mitsubishi Chemical BT Resins Product and Services

Table 64. Mitsubishi Chemical BT Resins Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Mitsubishi Chemical Recent Developments/Updates

Table 66. Mitsubishi Chemical Competitive Strengths & Weaknesses

Table 67. Nan Ya Plastics Basic Information, Manufacturing Base and Competitors

Table 68. Nan Ya Plastics Major Business

Table 69. Nan Ya Plastics BT Resins Product and Services

Table 70. Nan Ya Plastics BT Resins Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Nan Ya Plastics Recent Developments/Updates

Table 72. Unicom Electronics Basic Information, Manufacturing Base and Competitors

Table 73. Unicom Electronics Major Business

Table 74. Unicom Electronics BT Resins Product and Services

Table 75. Unicom Electronics BT Resins Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 76. Global Key Players of BT Resins Upstream (Raw Materials)

Table 77. BT Resins Typical Customers

Table 78. BT Resins Typical Distributors

List of Figure

Figure 1. BT Resins Picture

Figure 2. World BT Resins Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World BT Resins Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World BT Resins Production (2018-2029) & (Tons)

Figure 5. World BT Resins Average Price (2018-2029) & (US\$/Ton)

Figure 6. World BT Resins Production Value Market Share by Region (2018-2029)

Figure 7. World BT Resins Production Market Share by Region (2018-2029)

- Figure 8. North America BT Resins Production (2018-2029) & (Tons)
- Figure 9. Europe BT Resins Production (2018-2029) & (Tons)
- Figure 10. China BT Resins Production (2018-2029) & (Tons)
- Figure 11. Japan BT Resins Production (2018-2029) & (Tons)
- Figure 12. BT Resins Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World BT Resins Consumption (2018-2029) & (Tons)
- Figure 15. World BT Resins Consumption Market Share by Region (2018-2029)
- Figure 16. United States BT Resins Consumption (2018-2029) & (Tons)
- Figure 17. China BT Resins Consumption (2018-2029) & (Tons)
- Figure 18. Europe BT Resins Consumption (2018-2029) & (Tons)
- Figure 19. Japan BT Resins Consumption (2018-2029) & (Tons)
- Figure 20. South Korea BT Resins Consumption (2018-2029) & (Tons)
- Figure 21. ASEAN BT Resins Consumption (2018-2029) & (Tons)
- Figure 22. India BT Resins Consumption (2018-2029) & (Tons)
- Figure 23. Producer Shipments of BT Resins by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for BT Resins Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for BT Resins Markets in 2022
- Figure 26. United States VS China: BT Resins Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: BT Resins Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: BT Resins Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States Based Manufacturers BT Resins Production Market Share 2022
- Figure 30. China Based Manufacturers BT Resins Production Market Share 2022
- Figure 31. Rest of World Based Manufacturers BT Resins Production Market Share 2022
- Figure 32. World BT Resins Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 33. World BT Resins Production Value Market Share by Type in 2022
- Figure 34. PCB
- Figure 35. Electronic Packaging
- Figure 36. World BT Resins Production Market Share by Type (2018-2029)
- Figure 37. World BT Resins Production Value Market Share by Type (2018-2029)
- Figure 38. World BT Resins Average Price by Type (2018-2029) & (US\$/Ton)
- Figure 39. World BT Resins Production Value by Application, (USD Million), 2018 &

2022 & 2029

Figure 40. World BT Resins Production Value Market Share by Application in 2022

Figure 41. Consumer Electronics

Figure 42. Computer

Figure 43. Communication

Figure 44. Industrial & Medical

Figure 45. Automotive

Figure 46. Military & Aviation

Figure 47. Other

Figure 48. World BT Resins Production Market Share by Application (2018-2029)

Figure 49. World BT Resins Production Value Market Share by Application (2018-2029)

Figure 50. World BT Resins Average Price by Application (2018-2029) & (US\$/Ton)

Figure 51. BT Resins Industry Chain

Figure 52. BT Resins Procurement Model

Figure 53. BT Resins Sales Model

Figure 54. BT Resins Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

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