

# **Global Specialty Resins Market Size Study, by Application (Building & Construction, Water Treatment, Marine, Electrical & Electronics, Automotive, Aerospace, Others), by Type, by Function and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Specialty Resins Market, valued at USD 8.25 billion in 2023, is projected to expand at a CAGR of 6.30% from 2024 to 2032. This growth is primarily fueled by the increasing demand for high-performance materials across industries such as building & construction, aerospace, water treatment, and automotive, where enhanced mechanical strength, chemical resistance, and longevity are critical. The rapid industrialization and growing emphasis on sustainable and bio-based resin solutions are further bolstering the market's upward trajectory.

With advancements in polymer science and the integration of nanotechnology, specialty resins are being tailored to meet stringent industry standards, offering superior durability, thermal stability, and impact resistance. The increasing reliance on electrical and electronics applications is further expanding the use of high-performance resins, particularly in insulation materials and protective coatings. Meanwhile, the water treatment industry is witnessing an escalating demand for resins with superior ion-exchange and filtration properties, essential for sustainable water purification processes.

However, the market faces challenges related to fluctuating raw material costs and regulatory constraints on certain resin formulations due to environmental concerns. Stringent VOC (Volatile Organic Compound) emission norms have compelled manufacturers to shift towards eco-friendly alternatives, driving investments in bio-based and recyclable resin formulations. Despite these hurdles, the emergence of high-

performance specialty resins with enhanced biodegradability and recyclability is expected to create new growth avenues for market players.

Regionally, Asia Pacific dominates the specialty resins market, driven by China, India, and Japan, where expanding infrastructure and increasing automotive production are fueling demand for advanced polymer materials. Europe follows closely, with a strong presence of aerospace and automotive industries, emphasizing sustainable manufacturing practices. Meanwhile, North America continues to be a key market, bolstered by technological innovations and the rising adoption of specialty resins in industrial and water treatment applications. Latin America and the Middle East & Africa are emerging as potential markets, backed by infrastructural developments and a growing awareness of sustainable resin applications.

#### Major Market Players Included in This Report:

BASF SE

Dow Inc.

Mitsubishi Chemical Corporation

Hexion Inc.

Arkema S.A.

Huntsman Corporation

Evonik Industries AG

Sumitomo Bakelite Co., Ltd.

Allnex Group

Ashland Global Holdings Inc.

Royal DSM

LANXESS AG

Solvay S.A.

Eastman Chemical Company

Nan Ya Plastics Corporation

The detailed segments and sub-segments of the market are explained below:

By Application:

Building & Construction

Water Treatment

Marine

Electrical & Electronics

Automotive

Aerospace

Others

By Type:

Thermosetting Resins

Thermoplastic Resins

Epoxy Resins

Polyester Resins

Phenolic Resins

Other Specialty Resins

### By Function:

Adhesion Promotion

Impact Resistance

Chemical Resistance

Thermal Stability

UV Protection

Others

### By Region:

#### North America:

U.S.

Canada

#### Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year: 2022, 2023

Base Year: 2023

Forecast Period: 2024 to 2032

#### Key Takeaways:

Market estimates & forecast for 10 years from 2022 to 2032.

Annualized revenue and regional-level analysis for each market segment.

In-depth analysis of geographical markets with country-level insights.

Competitive landscape, highlighting key market players and strategic initiatives.

Analysis of evolving industry trends and investment opportunities.

Actionable recommendations for stakeholders to navigate the shifting market landscape effectively.

## Contents

### **CHAPTER 1. GLOBAL SPECIALTY RESINS MARKET EXECUTIVE SUMMARY**

- 1.1. Global Specialty Resins Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. {By Application}
  - 1.3.2. {By Type}
  - 1.3.3. {By Function}
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL SPECIALTY RESINS MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL SPECIALTY RESINS MARKET DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Increasing Demand for High-Performance Materials
- 3.1.2. Industrialization and Infrastructure Expansion
- 3.1.3. Advancements in Polymer Science and Nanotechnology

### 3.2. Market Challenges

- 3.2.1. Fluctuating Raw Material Costs
- 3.2.2. Regulatory Constraints and Environmental Concerns

### 3.3. Market Opportunities

- 3.3.1. Sustainable and Bio-based Resin Solutions
- 3.3.2. Enhanced Biodegradability and Recyclability

## **CHAPTER 4. GLOBAL SPECIALTY RESINS 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top Investment Opportunity

### 4.4. Top Winning Strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL SPECIALTY RESINS MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Specialty Resins Market: {Application} Revenue Trend Analysis, 2022 &



2032 (USD Million/Billion)

- 5.2.1. Building & Construction
- 5.2.2. Water Treatment
- 5.2.3. Marine
- 5.2.4. Electrical & Electronics
- 5.2.5. Automotive
- 5.2.6. Aerospace
- 5.2.7. Others

## **CHAPTER 6. GLOBAL SPECIALTY RESINS MARKET SIZE & FORECASTS BY TYPE AND FUNCTION 2022-2032**

6.1. Segment Dashboard

6.2. Global Specialty Resins Market: {Type} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 6.2.1. Thermosetting Resins
- 6.2.2. Thermoplastic Resins
- 6.2.3. Epoxy Resins
- 6.2.4. Polyester Resins
- 6.2.5. Phenolic Resins
- 6.2.6. Other Specialty Resins

6.3. Global Specialty Resins Market: {Function} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

- 6.3.1. Adhesion Promotion
- 6.3.2. Impact Resistance
- 6.3.3. Chemical Resistance
- 6.3.4. Thermal Stability
- 6.3.5. UV Protection
- 6.3.6. Others

## **CHAPTER 7. GLOBAL SPECIALTY RESINS MARKET SIZE & FORECASTS BY REGION 2022-2032**

7.1. North America Specialty Resins Market

7.1.1. U.S. Specialty Resins Market

7.1.1.1. {Application} Breakdown Size & Forecasts, 2022-2032

7.1.1.2. {Type/Function} Breakdown Size & Forecasts, 2022-2032

7.1.2. Canada Specialty Resins Market

7.2. Europe Specialty Resins Market

- 7.2.1. U.K. Specialty Resins Market
- 7.2.2. Germany Specialty Resins Market
- 7.2.3. France Specialty Resins Market
- 7.2.4. Spain Specialty Resins Market
- 7.2.5. Italy Specialty Resins Market
- 7.2.6. Rest of Europe Specialty Resins Market
- 7.3. Asia-Pacific Specialty Resins Market
  - 7.3.1. China Specialty Resins Market
  - 7.3.2. India Specialty Resins Market
  - 7.3.3. Japan Specialty Resins Market
  - 7.3.4. Australia Specialty Resins Market
  - 7.3.5. South Korea Specialty Resins Market
  - 7.3.6. Rest of Asia-Pacific Specialty Resins Market
- 7.4. Latin America Specialty Resins Market
  - 7.4.1. Brazil Specialty Resins Market
  - 7.4.2. Mexico Specialty Resins Market
  - 7.4.3. Rest of Latin America Specialty Resins Market
- 7.5. Middle East & Africa Specialty Resins Market
  - 7.5.1. Saudi Arabia Specialty Resins Market
  - 7.5.2. South Africa Specialty Resins Market
  - 7.5.3. Rest of Middle East & Africa Specialty Resins Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. BASF SE
  - 8.1.2. Dow Inc.
  - 8.1.3. Mitsubishi Chemical Corporation
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. BASF SE
    - 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. Market Strategies
  - 8.3.2. Dow Inc.
  - 8.3.3. Mitsubishi Chemical Corporation
  - 8.3.4. Hexion Inc.

- 8.3.5. Arkema S.A.
- 8.3.6. Huntsman Corporation
- 8.3.7. Evonik Industries AG
- 8.3.8. Sumitomo Bakelite Co., Ltd.
- 8.3.9. Allnex Group
- 8.3.10. Ashland Global Holdings Inc.
- 8.3.11. Royal DSM
- 8.3.12. LANXESS AG
- 8.3.13. Solvay S.A.
- 8.3.14. Eastman Chemical Company
- 8.3.15. Nan Ya Plastics Corporation

## **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

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Specialty Resins Market, Report Scope

TABLE 2. Global Specialty Resins Market Estimates & Forecasts by Region 2022-2032  
(USD Million/Billion)

TABLE 3. Global Specialty Resins Market Estimates & Forecasts by Application  
2022-2032 (USD Million/Billion)

TABLE 4. Global Specialty Resins Market Estimates & Forecasts by Type 2022-2032  
(USD Million/Billion)

TABLE 5. Global Specialty Resins Market Estimates & Forecasts by Function  
2022-2032 (USD Million/Billion)

TABLE 6. Global Specialty Resins Market by Segment, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 7. North America Specialty Resins Market Estimates & Forecasts, 2022-2032  
(USD Million/Billion)

TABLE 8. Europe Specialty Resins Market Estimates & Forecasts, 2022-2032 (USD  
Million/Billion)

TABLE 9. Asia-Pacific Specialty Resins Market Estimates & Forecasts, 2022-2032  
(USD Million/Billion)

TABLE 10. Latin America Specialty Resins Market Estimates & Forecasts, 2022-2032  
(USD Million/Billion)

TABLE 11. Middle East & Africa Specialty Resins Market Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

TABLE 12. Global Specialty Resins Market by Segment, Estimates & Forecasts,  
2022-2032 (USD Million/Billion)

... (Final report contains more than 100 tables)

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