

Specialty Monomers Market Forecasts to 2034 – Global Analysis By Monomer Type (Acrylic Monomers, Methacrylate Monomers, Vinyl Monomers, Epoxy Monomers and Other Monomer Types), Functional Group, Purity Grade, Polymerization Method, End User, and Geography

<https://marketpublishers.com/r/SE35944607AEEN.html>

Date: August 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: SE35944607AEEN

Abstracts

According to Statistics MRC, the Global Specialty Monomers Market is accounted for \$12.90 billion in 2026 and is expected to reach \$21.50 billion by 2034 growing at a CAGR of 6.6% during the forecast period. Specialty monomers are high-value chemical building blocks designed with specific molecular structures and functional properties for producing advanced polymers, resins, coatings, adhesives, elastomers, and specialty materials. Unlike commodity monomers, specialty monomers are typically developed for demanding performance characteristics such as chemical resistance, thermal stability, flexibility, optical performance, adhesion, or electrical functionality. They are used in electronics, automotive, aerospace, healthcare, construction, packaging, and industrial manufacturing. Increasing demand for high-performance polymers and application-specific materials is encouraging innovation and expanding the global market for specialty monomers.

Market Dynamics:

Driver:

Rising demand for high-performance polymers

Specialty monomers are high-value chemical building blocks used to produce polymers

with enhanced mechanical strength, thermal stability, chemical resistance, electrical properties, and durability. They enable the development of advanced materials for demanding industrial applications. Growing demand from electronics, automotive, healthcare, coatings, and aerospace industries is accelerating specialty polymer production. Manufacturers are investing in innovative monomer chemistries to improve product performance. Advances in polymer science are also expanding application opportunities. These factors continue to strengthen demand for specialty monomers worldwide.

Restraint:

Complex specialty monomer synthesis

Few specialty monomers require multi-step synthesis processes, highly controlled reaction conditions, and advanced purification techniques to achieve the desired quality and performance. These complex manufacturing requirements increase production costs and extend commercialization timelines. Maintaining consistent product quality also demands sophisticated process control systems. Smaller manufacturers may face difficulties scaling production efficiently. These challenges can limit production capacity and increase market entry barriers.

Opportunity:

Bio-based monomer development

Manufacturers are increasingly developing renewable monomers derived from biomass and other sustainable feedstocks to reduce dependence on fossil-based raw materials. These alternatives support environmental objectives while enabling the production of high-performance polymers. Demand for sustainable materials is rising across packaging, coatings, automotive, and consumer goods industries. Continuous research is improving the performance and commercial viability of bio-based monomers. This transition is creating new opportunities for sustainable polymer innovation.

Threat:

Petrochemical feedstock price volatility

Petrochemical feedstock price volatility poses a significant threat to the Specialty Monomers market. Many specialty monomers rely on petrochemical derivatives as

primary raw materials, making production costs sensitive to fluctuations in crude oil and petrochemical prices. Unexpected price increases can reduce profit margins and complicate long-term supply agreements. Supply chain disruptions may further increase raw material uncertainty. Manufacturers must continuously optimize sourcing strategies to manage cost risks. These factors can affect pricing stability and overall market competitiveness.

Covid-19 Impact:

The COVID-19 pandemic temporarily disrupted specialty chemical manufacturing, global supply chains, and industrial production, affecting specialty monomer demand across several end-use industries. Reduced activity in automotive, aerospace, and industrial manufacturing lowered short-term consumption, while healthcare and electronics applications remained comparatively resilient. Raw material shortages and logistics disruptions also affected production schedules. As industrial operations recovered, demand for advanced polymers steadily improved. The market regained momentum with the recovery of global manufacturing and increased investment in high-performance materials.

The acrylic monomers segment is expected to be the largest during the forecast period

The acrylic monomers segment is expected to account for the largest market share during the forecast period as acrylic monomers offer excellent versatility and are widely used in coatings, adhesives, sealants, textiles, inks, and specialty polymers. They provide strong adhesion, weather resistance, durability, and formulation flexibility across numerous industrial applications. Continuous innovation in acrylic chemistry is expanding their performance capabilities. Their broad commercial adoption supports sustained market demand. The extensive application base is expected to maintain the segment's market leadership.

The electronic grade segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the electronic grade segment is predicted to witness the highest growth rate due to rapid expansion of semiconductor manufacturing, advanced electronic materials, printed circuit boards, and next-generation electronic devices. Electronic-grade specialty monomers require exceptionally high purity to support reliable component performance. Growing investments in semiconductor fabrication are increasing demand for advanced polymer materials. Continuous miniaturization of

electronic devices is also driving the need for high-performance specialty chemicals. These factors are expected to accelerate growth in the electronic-grade segment.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share owing to its strong chemical manufacturing base. China leads the regional market through its extensive polymer, coatings, electronics, and specialty chemical industries, while Japan maintains advanced capabilities in high-performance materials and specialty polymers. South Korea supports strong demand from semiconductor and electronics manufacturing, and India is rapidly expanding specialty chemical production and industrial manufacturing. Large-scale industrial capacity and growing downstream demand continue to strengthen regional leadership. Asia Pacific is expected to remain the dominant market for specialty monomers.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR driven by expanding semiconductor and advanced materials production. China is investing heavily in domestic specialty chemical manufacturing, while India is strengthening its specialty chemicals and electronics industries. Vietnam is emerging as an important electronics manufacturing hub, and South Korea continues expanding semiconductor production capacity. Rising investments in advanced manufacturing and high-performance polymers are creating substantial opportunities for specialty monomer suppliers. The region is expected to record the fastest growth throughout the forecast period.

Key players in the market

Some of the key players in Specialty Monomers Market include Mitsubishi Chemical Group Corporation, Evonik Industries AG, Arkema S.A., BASF SE, Dow Inc., Mitsubishi Gas Chemical Company, Inc., Daicel Corporation, NOF Corporation, Toagosei Co., Ltd., Kuraray Co., Ltd., Synthomer plc, LG Chem Ltd., Merck KGaA, MGC Advanced Materials Co., Ltd. and AdvanSix Inc.

Key Developments:

In April 2026, Mitsubishi Chemical Group Corporation completed a capacity expansion at its regional production facilities to scale up output of high-purity specialty epoxy

reactive diluents. The expanded production targets high-density electronic packaging and micro-encapsulation applications, delivering high thermal stability and low ionic impurities.

In February 2026, Evonik Industries AG expanded its portfolio of ultra-low VOC epoxy reactive diluents designed for high-performance protective coatings and composites. The specialized aliphatic glycidyl ethers significantly lower resin viscosity while improving substrate flexibility, impact resistance, and mechanical strength in heavy-duty industrial applications.

In November 2025, Arkema S.A., through its Sartomer business unit, introduced a new series of bio-based, multi-functional acrylate reactive diluents for UV/EB-curable coatings and 3D printing photopolymer resins. The novel monomers enable rapid cure speeds, high cross-linking density, and reduced shrinkage in precision electronics and additive manufacturing.

Monomer Types Covered:

Acrylic Monomers

Methacrylate Monomers

Vinyl Monomers

Epoxy Monomers

Other Monomer Types

Functional Groups Covered:

Hydroxyl-Functional Monomers

Carboxyl-Functional Monomers

Amine-Functional Monomers

Glycidyl-Functional Monomers

Other Functional Groups

Purity Grades Covered:

Standard Grade

High-Purity Grade

Electronic Grade

Medical Grade

Other Purity Grades

Polymerization Methods Covered:

Free-Radical Polymerization

Controlled Radical Polymerization

Anionic Polymerization

Cationic Polymerization

Other Polymerization Methods

End Users Covered:

Adhesive & Sealant Manufacturers

Coating Manufacturers

Plastics & Polymer Manufacturers

Electronics Manufacturers

Other End Users

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL SPECIALTY MONOMERS MARKET, BY MONOMER TYPE

- 5.1 Acrylic Monomers
- 5.2 Methacrylate Monomers
- 5.3 Vinyl Monomers
- 5.4 Epoxy Monomers
- 5.5 Other Monomer Types

6 GLOBAL SPECIALTY MONOMERS MARKET, BY FUNCTIONAL GROUP

- 6.1 Hydroxyl-Functional Monomers
- 6.2 Carboxyl-Functional Monomers
- 6.3 Amine-Functional Monomers
- 6.4 Glycidyl-Functional Monomers
- 6.5 Other Functional Groups

7 GLOBAL SPECIALTY MONOMERS MARKET, BY PURITY GRADE

- 7.1 Standard Grade
- 7.2 High-Purity Grade
- 7.3 Electronic Grade
- 7.4 Medical Grade
- 7.5 Other Purity Grades

8 GLOBAL SPECIALTY MONOMERS MARKET, BY POLYMERIZATION METHOD

- 8.1 Free-Radical Polymerization
- 8.2 Controlled Radical Polymerization
- 8.3 Anionic Polymerization
- 8.4 Cationic Polymerization
- 8.5 Other Polymerization Methods

9 GLOBAL SPECIALTY MONOMERS MARKET, BY END USER

- 9.1 Adhesive & Sealant Manufacturers

- 9.2 Coating Manufacturers
- 9.3 Plastics & Polymer Manufacturers
- 9.4 Electronics Manufacturers
- 9.5 Other End Users

10 GLOBAL SPECIALTY MONOMERS MARKET, BY GEOGRAPHY

- 10.1 North America
 - 10.1.1 United States
 - 10.1.2 Canada
 - 10.1.3 Mexico
- 10.2 Europe
 - 10.2.1 United Kingdom
 - 10.2.2 Germany
 - 10.2.3 France
 - 10.2.4 Italy
 - 10.2.5 Spain
 - 10.2.6 Netherlands
 - 10.2.7 Belgium
 - 10.2.8 Sweden
 - 10.2.9 Switzerland
 - 10.2.10 Poland
 - 10.2.11 Rest of Europe
- 10.3 Asia Pacific
 - 10.3.1 China
 - 10.3.2 Japan
 - 10.3.3 India
 - 10.3.4 South Korea
 - 10.3.5 Australia
 - 10.3.6 Indonesia
 - 10.3.7 Thailand
 - 10.3.8 Malaysia
 - 10.3.9 Singapore
 - 10.3.10 Vietnam
 - 10.3.11 Rest of Asia Pacific
- 10.4 South America
 - 10.4.1 Brazil
 - 10.4.2 Argentina
 - 10.4.3 Colombia

- 10.4.4 Chile
- 10.4.5 Peru
- 10.4.6 Rest of South America
- 10.5 Rest of the World (RoW)
 - 10.5.1 Middle East
 - 10.5.1.1 Saudi Arabia
 - 10.5.1.2 United Arab Emirates
 - 10.5.1.3 Qatar
 - 10.5.1.4 Israel
 - 10.5.1.5 Rest of Middle East
 - 10.5.2 Africa
 - 10.5.2.1 South Africa
 - 10.5.2.2 Egypt
 - 10.5.2.3 Morocco
 - 10.5.2.4 Rest of Africa

11 STRATEGIC MARKET INTELLIGENCE

- 11.1 Industry Value Network and Supply Chain Assessment
- 11.2 White-Space and Opportunity Mapping
- 11.3 Product Evolution and Market Life Cycle Analysis
- 11.4 Channel, Distributor, and Go-to-Market Assessment

12 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

- 12.1 Mergers and Acquisitions
- 12.2 Partnerships, Alliances, and Joint Ventures
- 12.3 New Product Launches and Certifications
- 12.4 Capacity Expansion and Investments
- 12.5 Other Strategic Initiatives

13 COMPANY PROFILES

- 13.1 Mitsubishi Chemical Group Corporation
- 13.2 Evonik Industries AG
- 13.3 Arkema S.A.
- 13.4 BASF SE
- 13.5 Dow Inc.
- 13.6 Mitsubishi Gas Chemical Company, Inc.

- 13.7 Daicel Corporation
- 13.8 NOF Corporation
- 13.9 Toagosei Co., Ltd.
- 13.10 Kuraray Co., Ltd.
- 13.11 Synthomer plc
- 13.12 LG Chem Ltd.
- 13.13 Merck KGaA
- 13.14 MGC Advanced Materials Co., Ltd.
- 13.15 AdvanSix Inc.

List Of Tables

LIST OF TABLES

Table 1 Global Specialty Monomers Market Outlook, By Region (2023–2034) (\$MN)

Table 2 Global Specialty Monomers Market, By Monomer Type (2023–2034) (\$MN)

Table 3 Global Specialty Monomers Market, By Acrylic Monomers (2023–2034) (\$MN)

Table 4 Global Specialty Monomers Market, By Methacrylate Monomers (2023–2034) (\$MN)

Table 5 Global Specialty Monomers Market, By Vinyl Monomers (2023–2034) (\$MN)

Table 6 Global Specialty Monomers Market, By Epoxy Monomers (2023–2034) (\$MN)

Table 7 Global Specialty Monomers Market, By Other Monomer Types (2023–2034) (\$MN)

Table 8 Global Specialty Monomers Market, By Functional Group (2023–2034) (\$MN)

Table 9 Global Specialty Monomers Market, By Hydroxyl-Functional Monomers (2023–2034) (\$MN)

Table 10 Global Specialty Monomers Market, By Carboxyl-Functional Monomers (2023–2034) (\$MN)

Table 11 Global Specialty Monomers Market, By Amine-Functional Monomers (2023–2034) (\$MN)

Table 12 Global Specialty Monomers Market, By Glycidyl-Functional Monomers (2023–2034) (\$MN)

Table 13 Global Specialty Monomers Market, By Other Functional Groups (2023–2034) (\$MN)

Table 14 Global Specialty Monomers Market, By Purity Grade (2023–2034) (\$MN)

Table 15 Global Specialty Monomers Market, By Standard Grade (2023–2034) (\$MN)

Table 16 Global Specialty Monomers Market, By High-Purity Grade (2023–2034) (\$MN)

Table 17 Global Specialty Monomers Market, By Electronic Grade (2023–2034) (\$MN)

Table 18 Global Specialty Monomers Market, By Medical Grade (2023–2034) (\$MN)

Table 19 Global Specialty Monomers Market, By Other Purity Grades (2023–2034) (\$MN)

Table 20 Global Specialty Monomers Market, By Polymerization Method (2023–2034) (\$MN)

Table 21 Global Specialty Monomers Market, By Free-Radical Polymerization (2023–2034) (\$MN)

Table 22 Global Specialty Monomers Market, By Controlled Radical Polymerization (2023–2034) (\$MN)

Table 23 Global Specialty Monomers Market, By Anionic Polymerization (2023–2034) (\$MN)

Table 24 Global Specialty Monomers Market, By Cationic Polymerization (2023–2034) (\$MN)

Table 25 Global Specialty Monomers Market, By Other Polymerization Methods (2023–2034) (\$MN)

Table 26 Global Specialty Monomers Market, By End User (2023–2034) (\$MN)

Table 27 Global Specialty Monomers Market, By Adhesive & Sealant Manufacturers (2023–2034) (\$MN)

Table 28 Global Specialty Monomers Market, By Coating Manufacturers (2023–2034) (\$MN)

Table 29 Global Specialty Monomers Market, By Plastics & Polymer Manufacturers (2023–2034) (\$MN)

Table 30 Global Specialty Monomers Market, By Electronics Manufacturers (2023–2034) (\$MN)

Table 31 Global Specialty Monomers Market, By Other End Users (2023–2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) are also represented in the same manner as above.

I would like to order

Product name: Specialty Monomers Market Forecasts to 2034 – Global Analysis By Monomer Type (Acrylic Monomers, Methacrylate Monomers, Vinyl Monomers, Epoxy Monomers and Other Monomer Types), Functional Group, Purity Grade, Polymerization Method, End User, and Geography

Product link: <https://marketpublishers.com/r/SE35944607AEEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SE35944607AEEN.html>