

Global N,N-Methylene Bisacrylamide Resin Market Size Study, by Application (Polymerization, Cross-linking Agent, Water Treatment, Textile Industry, Papermaking Industry), by Purity (99%, 98%, 97%, 96%, 95%), by Grade (Industrial Grade, Pharmaceutical Grade, Food Grade, Cosmetic Grade), by Form (Powder, Liquid, Suspension), by End-Use Industry (Construction, Automotive, Electronics, Packaging, Pharmaceuticals), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G23F61DB0C30EN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G23F61DB0C30EN

Abstracts

The Global N,N-Methylene Bisacrylamide Resin Market was valued at approximately USD 0.3 billion in 2023 and is expected to expand at a compound annual growth rate (CAGR) of 5.48% from 2024 to 2032. As a crucial cross-linking agent in polymer chemistry, this resin enhances material performance in a wide array of industrial applications, ranging from water treatment to advanced polymer synthesis. The ever-increasing demand for durable, high-performance materials in industries such as construction, electronics, and pharmaceuticals is fueling market expansion, with technological advancements further accelerating product innovation and application scope.

With manufacturers emphasizing efficiency, durability, and environmental compliance, N,N-Methylene Bisacrylamide Resin has become an indispensable component across multiple sectors. The textile industry, in particular, has witnessed a surge in the adoption of these resins due to their superior cross-linking properties, improving fiber strength

and longevity. Additionally, their utilization in polymerization and water treatment applications is driving demand, especially in response to tightening regulatory frameworks aimed at ensuring environmental sustainability. However, market growth may be tempered by volatility in raw material prices and stringent safety regulations governing chemical manufacturing processes.

Geographically, North America continues to hold a substantial share of the N,N-Methylene Bisacrylamide Resin Market, primarily driven by the robust presence of pharmaceutical and specialty chemical manufacturers. Europe, with its strict regulatory environment promoting eco-friendly alternatives, is also experiencing steady growth. Meanwhile, the Asia-Pacific region is poised to register the fastest expansion rate, fueled by industrialization, infrastructural developments, and an increasing focus on high-performance polymer applications in countries such as China and India. Latin America and the Middle East & Africa, while still emerging, are showing promising adoption trends, particularly in the water treatment and construction sectors.

As research and development investments surge, market players are actively exploring bio-based and advanced synthetic alternatives to enhance resin properties while maintaining regulatory compliance. Companies are also forging strategic alliances to strengthen their market presence in high-growth regions, ensuring long-term sustainability in this evolving sector. Given the rising emphasis on material science innovation, the N,N-Methylene Bisacrylamide Resin Market is expected to witness a wave of breakthroughs that will further augment its industrial applications and global adoption.

Major Market Players Included in This Report:

BASF SE

DuPont de Nemours, Inc.

Mitsubishi Chemical Corporation

LG Chem Ltd.

Arkema S.A.

Dow Chemical Company

3D Systems Corporation

Organovo Holdings, Inc.

Cyfuse Biomedical K.K

Medprin Biotech GmbH

Advanced Solutions, Inc.

CollPlant Biotechnologies Ltd

REGEMAT 3D S.L

The Bio Convergence Company

Shining 3D

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Application:

Polymerization

Cross-linking Agent

Water Treatment

Textile Industry

Papermaking Industry

By Purity:

99%

98%

97%

96%

95%

By Grade:

Industrial Grade

Pharmaceutical Grade

Food Grade

Cosmetic Grade

By Form:

Powder

Liquid

Suspension

By End-Use Industry:

Construction

Automotive

Electronics

Packaging

Pharmaceuticals

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

Base Year: 2023

Forecast Period: 2024 to 2032

Key Takeaways:

Market estimates and forecasts spanning ten years from 2022 to 2032.

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

Comprehensive geographical analysis, including country-level insights.

Competitive landscape featuring details of major industry players.

Strategic business insights and recommendations for future market positioning.

Structural analysis of the competitive market landscape.

Demand-side and supply-side evaluations of market dynamics.

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