

# Global Battery Grade N-methylpyrrolidone Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Battery Grade N-methylpyrrolidone market size was valued at US\$ 481 million in 2024 and is forecast to a readjusted size of USD 739 million by 2031 with a CAGR of 6.2% during review period.

Battery grade N-methylpyrrolidone (NMP) is an important organic solvent widely used in battery manufacturing, especially in the production process of lithium-ion batteries. Its chemical formula is  $C_5H_9NO$ , mainly used as a solvent in the electrolyte of batteries. Due to the importance of NMP in battery manufacturing, its quality control is extremely critical. Generally speaking, battery grade NMP requires strict production and purification processes to ensure its purity and physicochemical properties meet the requirements of battery production.

This report is a detailed and comprehensive analysis for global Battery Grade N-methylpyrrolidone market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

### **Key Features:**

Global Battery Grade N-methylpyrrolidone market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Battery Grade N-methylpyrrolidone market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Battery Grade N-methylpyrrolidone market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Battery Grade N-methylpyrrolidone market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Battery Grade N-methylpyrrolidone

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Battery Grade N-methylpyrrolidone market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF, Mitsubishi Chemical, Lyondellbasell, Ashland, Eastman, BYN Electronic Material, Shandong Changxin Chemical Science-Tech, Ganzhou Zhongneng Industrial, Puyang Guangming Chemicals, Binzhou City Zhanhua District Ruian Chemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Battery Grade N-methylpyrrolidone market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and

forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Purity 99.9%

Purity>99.9%

#### Market segment by Application

Lithium Ion Battery

Carbon Nanotube Conductive Paste

Others

#### Major players covered

BASF

Mitsubishi Chemical

Lyondellbasell

Ashland

Eastman

BYN Electronic Material

Shandong Changxin Chemical Science-Tech

Ganzhou Zhongneng Industrial

Puyang Guangming Chemicals

Binzhou City Zhanhua District Ruian Chemical

CNSG Anhui Hong Sifang

Huangshan Bonsun Pharmaceuticals

Shandong Taihe Technologies

NEM Materials

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Battery Grade N-methylpyrrolidone product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Grade N-methylpyrrolidone, with price, sales quantity, revenue, and global market share of Battery Grade N-methylpyrrolidone from 2020 to 2025.

Chapter 3, the Battery Grade N-methylpyrrolidone competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Battery Grade N-methylpyrrolidone breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market

share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Battery Grade N-methylpyrrolidone market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Battery Grade N-methylpyrrolidone.

Chapter 14 and 15, to describe Battery Grade N-methylpyrrolidone sales channel, distributors, customers, research findings and conclusion.

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