

# Global Polycarbodiimides Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Polycarbodiimides market size was valued at USD 59 million in 2023 and is forecast to a readjusted size of USD 130.9 million by 2030 with a CAGR of 12.2% during review period.

The Polycarbodiimides market covers Anti-hydrolysis Agents, Cross-Linking Agents, etc. The typical players include Angus Chemical Company, BASF, Stahl, Nisshinbo, DSM, LANXESS, Covestro, etc.

Polycarbodiimides (CDIs) are highly reactive functional resin modifiers having excellent compatibility with a wide range of resins. They can be prepared by treating sterically hindered mono- or polyisocyanates with basic catalysts with simultaneous elimination of carbon dioxide.

Global key players of Polycarbodiimides include LANXESS, Stahl, Angus Chemical Company, BASF and Nisshinbo, etc. Top five players occupy for a share about 78%. APAC is the largest market, with a share about 37%, followed by Americas and Europe. In terms of product, Cross-Linking Agents is the largest segment, with a share over 57%. In terms of application, Plastic is the largest market, with a share over 52%.

The Global Info Research report includes an overview of the development of the Polycarbodiimides industry chain, the market status of Paints and Coatings (Anti-hydrolysis Agents, Cross-Linking Agents), Plastic (Anti-hydrolysis Agents, Cross-Linking Agents), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Polycarbodiimides.

Regionally, the report analyzes the Polycarbodiimides markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Polycarbodiimides market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Polycarbodiimides market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Polycarbodiimides industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Anti-hydrolysis Agents, Cross-Linking Agents).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Polycarbodiimides market.

**Regional Analysis:** The report involves examining the Polycarbodiimides market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Polycarbodiimides market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Polycarbodiimides:

**Company Analysis:** Report covers individual Polycarbodiimides manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Polycarbodiimides. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Paints and Coatings, Plastic).

**Technology Analysis:** Report covers specific technologies relevant to Polycarbodiimides. It assesses the current state, advancements, and potential future developments in Polycarbodiimides areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Polycarbodiimides market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Polycarbodiimides market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Anti-hydrolysis Agents

Cross-Linking Agents

### Market segment by Application

Paints and Coatings

Plastic

Others

## Major players covered

Angus Chemical Company

BASF

Stahl

Nisshinbo

DSM

LANXESS

Covestro

## 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 Polycarbodiimides product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Polycarbodiimides, with price, sales,

revenue and global market share of Polycarbodiimides from 2019 to 2024.

Chapter 3, the Polycarbodiimides competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polycarbodiimides breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Polycarbodiimides market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Polycarbodiimides.

Chapter 14 and 15, to describe Polycarbodiimides sales channel, distributors, customers, research findings and conclusion.

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