

Global Polycarbonate Diols Market Size study, by Form (Solid, Liquid) by Molecular Weight (Below 1,000 g/mol, 1000 g/mol – Below 2,000 g/mol, 2000 g/mol & Above) by Application (Synthetic Leather, Paints & Coatings, Adhesives & Sealants, Elastomers, Others) and Regional Forecasts 2022-2032

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Abstracts

Global Polycarbonate Diols Market is valued approximately USD 260 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.40% over the forecast period 2024-2032. Polycarbonate diol (PCD) is a chemical polyol material with two ends containing hundreds to thousands of functional OH molecular and molecular weight groups. They are available in both solid and liquid forms, based on the use. They are also superior polyester polyols. Furthermore, their features such as impact resistance, improved hydrolytic stability, chemical resistance, and hardness make them a better alternative than ordinary polyester polyols. They have applications in ornamental materials, polyurethane-based coating formulas for synthetic leather, and acrylic resin. The key trend of Global Polycarbonate Diols Market is the growing preference for eco-friendly materials. With increasing environmental concerns, there has been a shift towards eco-friendly materials. Polycarbonate diols, being recyclable and possessing lower toxicity, were gaining traction as a sustainable alternative in various applications.

Moreover, the polycarbonate diols are versatile materials used in various industries such as automotive, construction, electronics, and textiles. The growing demand for high-performance materials in these sectors is driving the market growth. Also, with increasing environmental concerns, there is a growing preference for sustainable and eco-friendly materials. Polycarbonate diols are considered more environmentally

friendly compared to some other materials, which is driving their adoption in various applications. Additionally, other factors support the market growth are expanding automotive sector, and growing construction activities. However, the high cost is expected to hinder the Global Polycarbonate Diols Market growth during the forecast period 2024-2032.

The key regions considered for the Global Polycarbonate Diols Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, the North American market for polycarbonate diols demonstrated significant revenue growth, primarily attributed to the region's advanced manufacturing capabilities and the flourishing construction and automotive sectors. Notably, polycarbonate diols-based sealants have gained widespread adoption in building and construction applications within the region due to their exceptional weathering and chemical resistance properties. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period 2024-2032.

Major market player included in this report are:

UBE Industries Ltd. (Japan)
Mitsubishi Chemical Corporation (Japan)
Asahi Kasei Corporation (Japan)
Covestro Ag (Germany)
Tosoh Corporation (Japan)
Daicel Corporation (Japan)
Perstorp Group (Sweden)
Saudi Arabian Oil Co. (Saudi Arabia)
GRR Fine Chem Pvt. Ltd. (India)
Chemwill Asia Co. Ltd. (China)

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

By Form

Solid

Liquid

By Molecular Weight

Below 1,000 g/mol

1000 g/mol – Below 2,000 g/mol

2000 g/mol & Above

By Application

Synthetic Leather
Paints & Coatings
Adhesives & Sealants
Elastomers
Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market.

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