

US 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) Forecasts 2022-2032

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Abstracts

US Polycarbonate Diols Market is valued approximately USD 42 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.61% over the forecast period 2024-2032. Polycarbonate diols, a specialized polymer, are extensively utilized across industries owing to their exceptional characteristics. Synthesized by combining carbonic acid diesters with diols, these diols yield a linear polymer featuring carbonate linkages. They serve as integral components in formulating high-performance polyurethane materials, offering unmatched durability, flexibility, and chemical resistance. Consequently, polycarbonate diols are indispensable in diverse industrial applications demanding robust and versatile materials. The key trend of the US Polycarbonate Diols market in the US is the growing shift towards sustainable solutions. There has been a growing emphasis on sustainability and environmentally friendly products in recent years. Polycarbonate diols, being a sustainable alternative to traditional materials, have gained traction in various applications. This trend is likely to continue as companies and consumers become more environmentally conscious.

Moreover, polycarbonate diols are widely used in various industries such as automotive, electronics, and packaging due to their excellent properties like flexibility, durability, and chemical resistance. The growth of these end-use industries drives the demand for polycarbonate diols. Also, with growing concerns about environmental sustainability, there is a shift towards the use of eco-friendly materials. Polycarbonate diols, being

recyclable and possessing low toxicity, are gaining traction as sustainable alternatives in various applications, further boosting their demand. Additionally, other factors support the market growth are growing demand in automotive sector, and increasing infrastructure development projects, including construction and renovation activities. However, the high production costs and availability of substitute are expected to hinder the market growth during the forecast period 2024-2032.

Major market player included in this report are:

Dow Chemical

LyondellBasell

Huntsman Corporation

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

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

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 Country 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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