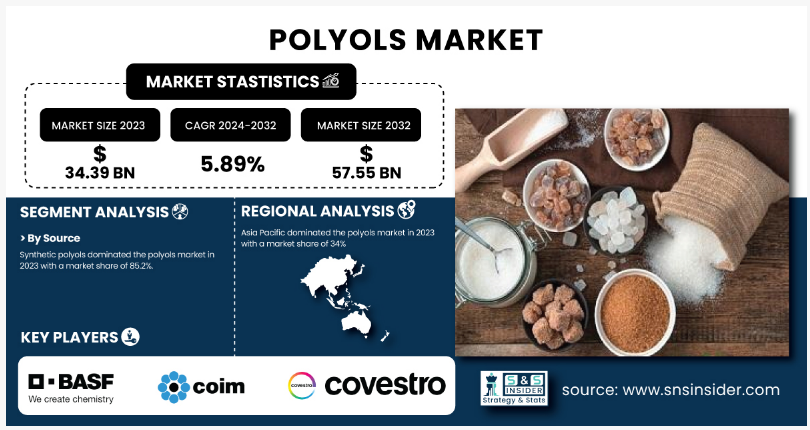
Polyols Market to Surpass USD 57.55 Billion by 2032, Driven by Demand in Polyurethane Industry

The polyols market is expanding with rising demand in construction, automotive, and consumer goods, driven by sustainability and efficiency trends.



Polyols Market

AUSTIN, TX, UNITED STATES, March 3, 2025 /EINPresswire.com/ -- The Polyols Market Size was valued at 34.39 Billion in 2023 and is expected to reach USD 57.55 Billion by 2032, growing at a CAGR of 5.89% over the forecast period of 2024-2032.

Rising Demand and Sustainability Drive Growth in the Expanding Polyols Market Across Diverse Industries

The Polyols market is witnessing remarkable growth fueled by diverse applications across industries like healthcare, automotive, and construction. The increasing popularity of polyol-based products, especially within the food and beverage sector, alongside advancements in manufacturing technologies, are pivotal dynamics propelling this market forward. The American Chemistry Council indicates a steady rise in demand for bio-based polyols, projected to grow by 10% annually from 2022 to 2025. Additionally, a 2023 report from the U.S. Department of Agriculture highlighted that incorporating bio-based materials into manufacturing processes has reduced greenhouse gas emissions, fostering sustainable practices. As consumer preferences increasingly favor eco-friendly products, the Polyols market is poised to experience substantial growth, aligning with global sustainability trends and advancing technological developments in various sectors.

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Key Players:

• BASF SE (Lupranol, Lupraphen, Pluracol)

• Coim Spa (Diexter, Isoexter, Novacote Polyol)
• Covestro AG (Arcol, Desmophen, Acclaim)
• Emery Oleochemicals (EMEROX, Infigreen, LOXIOL)
• Huntsman Corporation / Huntsman International LLC (Jeffol, Terol, Rubinate)
• Jayant Agro-Organics Pvt. Ltd. (Jaypol, Bioprene, Pripol)
• KPX Chemical Co., Ltd. (KPX Polyol, Terol, KPX Rigid Polyol)
• Manali Petrochemicals Limited (Manol, Manapol, MPL Polyol)
• Mitsui Chemicals (TAFMER, Excerex, Mitsui Polyol)
• Perstorp Holding AB (Boltorn, Curalite, Polyolester)
• PCC Group (Rokopol, Rokoflex, Rokopol RF)
• Polygreen Chemicals (Greenpolyol, Biopolyol, Ecoflex Polyol)
• Purinova Sp. z o.o. (Purios, Polios, Purinova Polyol)
• Repsol SA (Repsol Pol, Repsolflex, Alcupol)
• Shell Chemicals / Shell Plc (Caradol, Helios, Shell Polyglycol)
• Stepan Company (Stepanpol, Stepanol, STEP-FLEX)
• The Dow Chemical Company / Dow Inc. (Voranol, VORAPEL, VORASTAR)
• Tosoh Corporation (Tolonate, Tocomate, Tosoh Polyol)
• Wanhua Chemical Group Co., Ltd. (WANOL, Wannate, Wanhua Polyol)
• Yadong Chemical Group (YD-Flex, Yadong Polyol, YD-PU Polyol)

By Type, Polyether Polyols dominated the Polyols market, holding a market share of 72.3%.

This significant share is attributed to their versatility and extensive use in manufacturing rigid and flexible foams, adhesives, and sealants. The demand for polyether polyols is particularly strong in the automotive industry, where they are used to produce lightweight and durable materials. Companies like Huntsman Corporation have reported increased production capacities for polyether polyols to meet growing demand. The expansion of the construction sector, driven by urbanization and infrastructure projects, has also fueled the need for polyether polyols, further strengthening their dominance in the market.

By Application, Rigid Foam Dominated, Accounting for 38.5% Share in 2023

Rigid foams are widely used in insulation applications, which have gained popularity due to rising energy efficiency regulations. The construction industry has been a primary driver for the demand for rigid foams, as builders seek materials that provide superior thermal insulation. Leading companies like DuPont and Owens Corning are investing in advanced rigid foam technologies to improve performance and sustainability. Moreover, the increasing focus on energy-efficient buildings and green construction practices is expected to propel the growth of the rigid foam application in the forecast years.

By End-Use Industry, Building & Construction dominated the Polyols Market In 2023, Accounting for About 36.5% Of the Market Share.

This dominance can be attributed to the increasing demand for construction materials that offer energy efficiency and thermal insulation properties. The rise in residential and commercial construction projects globally has significantly boosted the consumption of polyols in the production of rigid and flexible foams. Major players in the construction industry, such as LafargeHolcim and Saint-Gobain, are integrating polyols into their product lines to enhance performance and sustainability. Furthermore, government initiatives promoting green building practices and sustainable construction materials are expected to further drive market growth in this segment.

Asia Pacific Dominated the Polyols Market In 2023, Holding A 34% Market Share.

This leadership is due to rapid industrialization and urbanization. Countries like China and India are witnessing a surge in demand for construction and automotive applications, which has significantly increased the consumption of polyols. The region's robust manufacturing base and the presence of major polyol producers have further solidified its market position. Additionally, initiatives promoting sustainable practices have encouraged the adoption of bio-based polyols, enhancing market growth. For example, China's commitment to reducing carbon emissions has led to increased investment in environmentally friendly materials, contributing to the region's dominance in the Polyols market.

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North America Emerged as The Fastest-Growing Region in The Polyols Market, With A Significant CAGR During the Forecast Period.

The U.S. has seen significant growth in the automotive and construction sectors, driving the demand for polyols in insulation and foam applications. Companies like Covestro and BASF are expanding their production capabilities in response to the growing market needs. Furthermore, the increasing focus on sustainability and eco-friendly products has prompted manufacturers to innovate and introduce new bio-based polyols. This shift towards sustainable practices is expected to continue propelling growth in the North American Polyols market.

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