

# **Propylene Oxide Market: Segmented By Application (Polyether Polyols, Propylene Glycol): By Process (Chlorohydrin, Styrene Monomer, TBA Co-Product, Cumene-based, Hydrogen Peroxide): By End-Use Industry (Automotive, Building & Construction): Global Analysis by Market size, share & trends for 2019-2020 and forecasts to 2030**

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## **Abstracts**

176+ Pages Research Report The Propylene Oxide Market to surpass USD 26.67 billion by 2030 from USD 16.12 billion in 2020 at a CAGR of 5.17% within the coming years, i.e., 2020-30.

### Product overview

Propylene oxide (PO) is a highly reactive organic chemical that is useful as a chemical intermediate in the manufacture of various commercial materials. It is a bulk chemical that can be produced through several technologies. Propylene oxide is a crucial raw material. Propylene Glycol Production Material. In recent years, propylene glycol production has seen a significant increase due to its increasing number of uses in a wide variety of end-use industries such as food and beverage, pharmaceutical, chemical, and others. Propylene glycol is used as a chemical raw material for the production of unsaturated polyester resins, vaporizers for the supply of pharmaceutical and personal care products, humectants in hand disinfectants, deicing agents in airplanes, and solvents for many substances.

### Market Highlights

The Propylene Oxide Market is predicted to project a notable CAGR of 5.17% in 2030. Increased use of polyurethanes in sealants, thermal insulators, and flooring will fuel

industry growth over the next seven years. Increased global infrastructure spending is expected to drive demand over the forecast period. In addition to industry growth, Propylene Oxide market penetration is expected to rise above the forecast level. On the other hand, increasing Investment by the major players in new environmentally friendly techniques to produce Propylene Oxide will create more opportunities that will result in the growth of the Propylene Oxide market over the forecast period.

#### Recent News and Development:

In June 30, 2021, the number of manufacturers of agricultural pesticides supporting the easy connect CTS will continue to grow in line with CropLife Europe's commitment to making closed transfer systems (CTS) universally available

In September 2020, Royal Dutch Shell plans to cut oil and gas production costs by up to 40% to save hard cash so it can review its business and focus more on renewable energy and energy markets and sources, said. Reuters

#### Propylene Oxide Market: Segments

Polyether Polyols segment to grow with the highest CAGR during 2020-2030

The Propylene Oxide Market is segmented by Application into Polyether Polyols and Propylene Glycol. The Polyether Polyols segment is projected to grow at the highest CAGR from 2020 to 2030. The growth in this segment is due to the increasing demand for polyurethane foams from various end-use industries such as automotive, construction and construction, textiles and furniture, and packaging. Polyether polyols are mainly used in polyurethane foams. Applications such as furniture, bedding, and car seats, as well as under the carpet. Rigid foam is widely used in the construction industry, where it is mainly used for insulation. Rigid foam is also used in commercial refrigeration and packaging.

Chlorohydrin segment to grow with the highest CAGR during 2020-2030

The Propylene Oxide Market is segmented by Process into Chlorohydrin, Styrene Monomer, TBA Co-Product, Cumene-based, Hydrogen Peroxide. The Chlorohydrin process has dominated the Propylene Oxide Market for several years. The market segment for hydrogen peroxide processes is expected to grow with the highest CAGR during the forecast period.

#### Propylene Oxide Market: Market Dynamics

## Drivers

### Increasing use of propylene glycol

Propylene glycol is widely used as a construction chemical for paints, grouts, adhesives, caulking materials, and coatings in both infrastructure and the construction industry. Another industry that is booming recently is the automotive industry, which directly benefits the Propylene Oxide as the products are used in a range of components such as flexible foams, paints, adhesives, and sealants. Thus, it can be said that the Propylene Oxide is inextricably linked with the automotive industry.

### Increased Demand for Polyurethanes

Polyurethanes are made from polyether polyols and have properties such as density, stiffness, and hardness, which increases their demand in the Propylene Oxide. The increasing consumption of products made from propylene glycol, polyethylene glycols, and propylene glycols should stimulate the propylene oxide market. technological progress and the medical field.

## Restraints

### Fluctuating raw material prices and alternatives

Recently, there have been volatile prices for raw materials and alternatives such as alkylene carbonate to propylene oxide which could potentially curb the free growth of the Propylene Oxide Market and the emergence of low-cost alternatives

## Effects of COVID19 in the Propylene Oxide Market

A large number of propylene oxide companies felt the impact of the COVID19 pandemic in multiple dimensions and now emphasize sustained growth in the long-term future as the global oxide industry propylene and other chemicals play an important role in countries' economic recovery Propylene oxide companies are likely to see potential opportunities in the near future.

## Propylene Oxide Market: Key Players

### The Dow Chemical Company

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

### LyondellBasell Industries Holdings B.V.

### SK Chemicals

### BASF SE

Huntsman International LLC.  
AGC Chemicals  
Sumitomo Chemicals Co.  
Royal Dutch Shell Plc.  
Huntsman Corporation

### Propylene Oxide Market: Regions

Propylene Oxide Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Europe dominated the Propylene Oxide Market; However, it is expected to lose its market share in the next seven years due to the economic slowdown and tightened environmental and safety regulations, including EU REACH. As the capacity of the polyurethane plant grows over the next seven years, the Asia-Pacific region is also expected to be a significant Propylene Oxide Market and expect rapid growth. North America will grow significantly over the next seven years as the automotive and electronics industries grow. Technological advances by various players in the US, Mexico, and Canada will increase demand over the forecast period due to growth in the construction sector, high disposable income, and advanced living standards in the region.

Propylene Oxide Market is further segmented by region into:

North America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-United States and Canada

Latin America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR- United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Propylene Oxide Market report also contains analysis on:

Propylene Oxide Market Segments:

By Application

Polyether Polyols

Propylene Glycol

Glycol Ethers

Others

By Type of Production Process

Chlorohydrin Process

Styrene Monomer Process

Hydrogen Peroxide Process

TBA Co-Product Process

Cumene-based Process

By End-use Industry

Automotive

Building & Construction

Textile & Furnishing

Chemical & Pharmaceutical

Packaging

Electronics

Others

Propylene Oxide Market Dynamics

Propylene Oxide Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value chain of the Market

Market Drivers and Restraints

Propylene Oxide Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 16.12 billion

Revenue forecast in 2030 USD 26.67 billion

Growth Rate CAGR of 5.17% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered

Basis, Application, Type of Production Process, End-Use Industry, and Region

Region scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled The Dow Chemical Company, LyondellBasell Industries

Holdings B.V., LyondellBasell Industries Holdings B.V., SK Chemicals, BASF SE, Huntsman International LLC., AGC Chemicals, Sumitomo Chemicals Co., Royal Dutch Shell Plc., Huntsman Corporation

Frequently Asked Questions on the Propylene Oxide Market

How widely can Propylene Oxide Market expand?

Who are the key players in the Propylene Oxide Market?

Which segment is anticipated to hold the largest Propylene Oxide Market share?

What could be the factors driving the growth of the Propylene Oxide Market?

What could be the exigent factors in the growth of Propylene Oxide Market?

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#### Consultant Recommendation

\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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