

Propylene Oxide

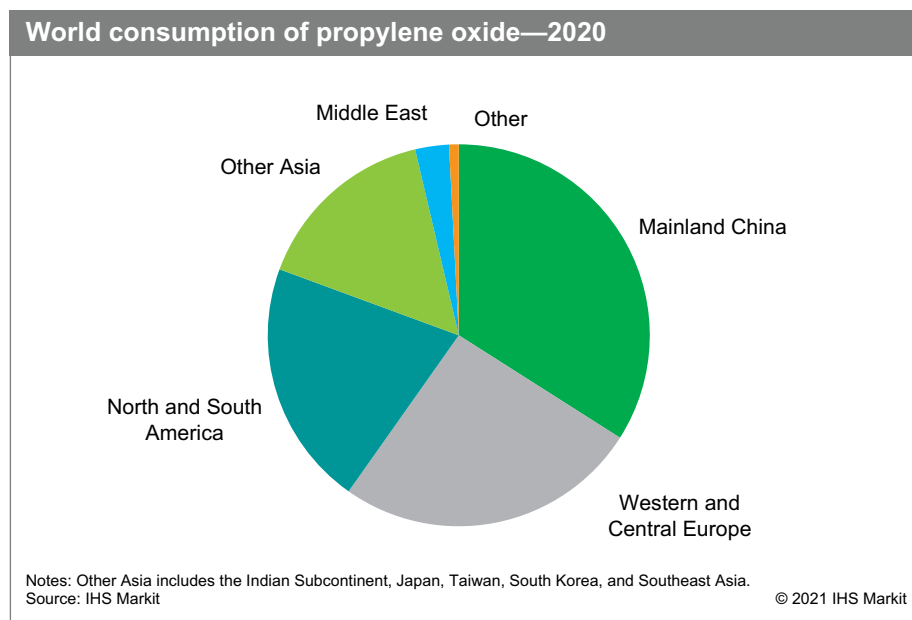
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Abstract

In 2020, mainland China was the single-largest consumer of propylene oxide, of global propylene oxide demand; Northeast Asia is the single-largest regional PO consumer, followed by Western Europe and North America. Production of polyether polyols is the largest outlet for propylene oxide, accounting for approximately 75% of the overall demand in 2020. Over the past decade, mainland Chinese polyether polyols capacity has more than doubled. As a result, an increasing amount of propylene oxide has been consumed in mainland China to feed this new capacity through increased domestic production or imports from other regions.

Polyether polyols are used in the production of polyurethanes (foam, rigid, and nonfoam uses). Demand for polyurethanes has grown at a relatively high average rate over the past decade, driven primarily by the increasing requirements for cushioning applications (transportation, furniture, bedding), insulation materials (appliances, houses, buildings), adhesives and sealants, and surface coatings. Like many other chemicals, consumption growth has stemmed from the fast-growing mainland Chinese economy, where the growing middle class and ongoing urbanization are driving an increasing demand for furniture, appliances, cars, houses, and new buildings.

The following pie chart shows world consumption of propylene oxide in 2020:



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For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – *Propylene Oxide* is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade – imports
and exports

Key benefits

IHS Markit's Chemical Economics Handbook – *Propylene Oxide* has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

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