

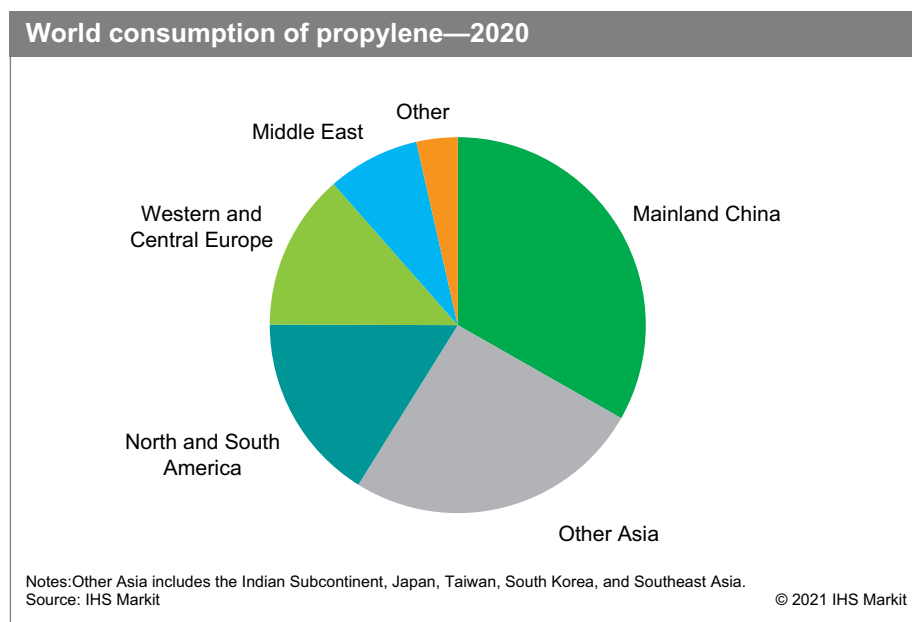
Propylene

June 2021

Abstract

Propylene is the second-largest-volume chemical produced globally. It is an important raw material for the production of organic chemicals such as polypropylene, acrylonitrile, propylene oxide, and oxo alcohols, as well as for a large variety of industrial products. Global consumption of propylene will continue to grow during 2020–25, driven primarily by the developing markets in Asia, particularly mainland China. Propylene consumption varies by region, based on the development of downstream derivative capacity.

The following chart shows consumption of propylene by major region:



With fast-growing global requirements, on-purpose propylene facilities continue to be developed to supplement the traditional production routes (ethylene crackers and refineries). Changes in fuel consumption, evolving mobility trends, and changing cracker feed are projected to modify the propylene production pattern in the medium term.

Partially protected by some key pandemic-related demand trends in 2020, polypropylene is projected to continue to be the dominant outlet for propylene, and its overall share of the global propylene market will expand further through 2025. Other applications such as propylene oxide, cumene, and acrylonitrile will recover from a gloomy 2020 and grow, each with their own specific regional dynamics. Uncertainties brought about by the unfolding of the COVID-19 pandemic and the emergence of new variants, an escalating trade dispute between the United States and mainland China, and economic and security concerns in certain regions have cast a shadow over the global economy. Against this backdrop, propylene demand will continue to grow, fueled primarily by the further economic development of emerging countries.

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

IHS Markit's Chemical Economics Handbook – *Propylene* 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* 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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