

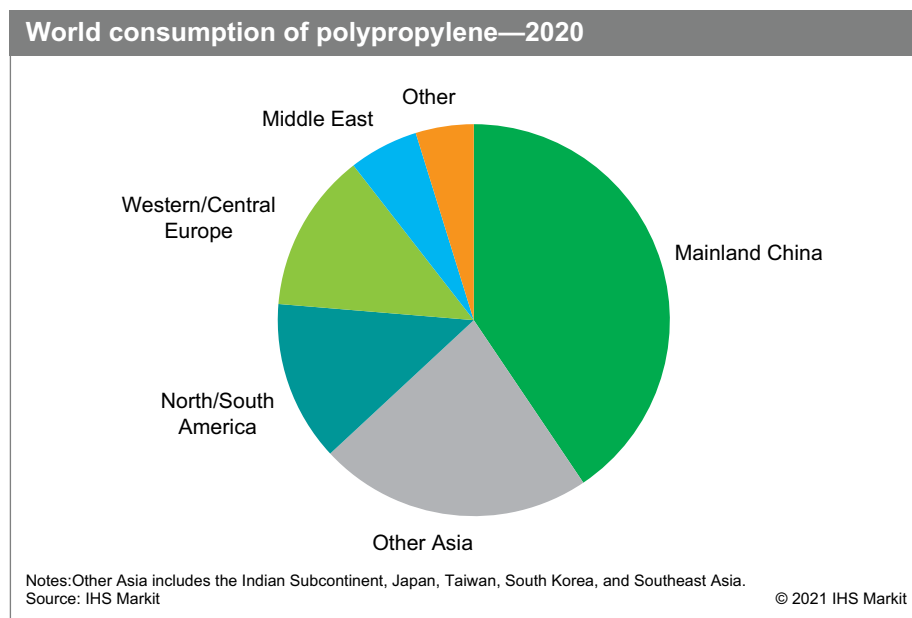
Polypropylene Resins

April 2021

Abstract

Polypropylene (PP) has the second-largest market for commodity thermoplastic resins in the world after PE, and PP homopolymer is the most consumed single-grade plastic. Over the years, polypropylene resin has gained popularity in all spheres of day-to-day usage and niche applications. A perfect combination of light weight, excellent chemical resistance, relatively high rigidity, and high cost-competitiveness make it a preferred choice to cater to multiple requirements. With new technology and catalyst advancements, and its ability to blend with other chemicals to further refine its properties, PP is successfully replacing other nonpolymer materials such as paper, metals, and wood in conventional applications.

The following pie chart shows world consumption of polypropylene resins by region for 2020:



The ongoing COVID-19 pandemic has created short-term demand destruction in some PP resin applications. With the shift in consumer behavior, coupled with the economic fallout, PP end-use segments such as injection molding faced headwinds, while other applications such as fiber and films flourished because of dramatically increased demand for face masks and medical wearable devices. Extrusion applications, which represented more than half of total PP consumption in 2020, saw an increase in demand from 2019. At the same time, demand in molding applications, which are primarily used in the automotive industry and other durable goods and are directly impacted by the discretionary income of consumers, fell from the previous year.

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

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IHS Markit's Chemical Economics Handbook – Polypropylene Resins 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 – Polypropylene Resins 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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