

Polyvinyl Alcohol

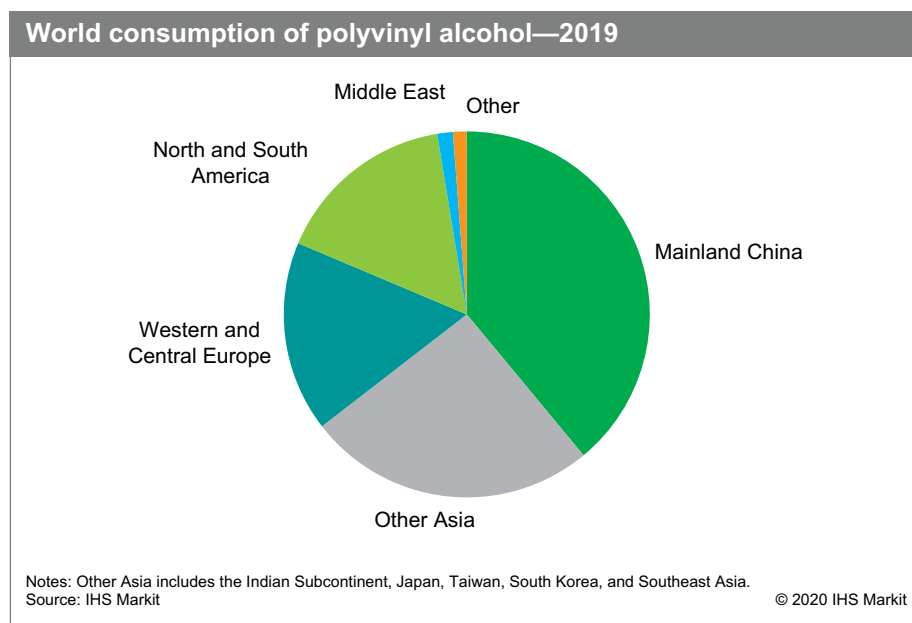
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Abstract

Polyvinyl alcohol (PVOH) is a water-soluble polymer, sold in both fully and partially hydrolyzed forms. Its properties vary depending on molecular weight (degree of polymerization) and fraction of acetate groups that are removed (degree of hydrolysis).

PVOH is used in diverse applications, including textiles for warp sizing, adhesives, polymerization aids, pigment binders for paper, and other such applications where PVOH is used “as is.” Another major application involves converting PVOH to polyvinyl butyral, which is used as a coating to generate laminated safety glass for automotive and architectural applications. Global consumption of PVOH is forecast to grow at a moderate rate of approximately 2% from 2019 to 2024. Global demand is dominated by mainland China, which accounted for 39% of the total demand in 2019. The end-use distribution for PVOH varies among the regions. Polymerization aids is the largest end use for PVOH in China and polyvinyl butyral in the United States. Other Northeast Asian countries such as Japan will have much lower growth in demand compared with China during 2019–24.

The following pie chart shows world consumption of polyvinyl alcohol:



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

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

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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

IHS Markit's Chemical Economics Handbook – *Polyvinyl Alcohol* 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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