



## Market Analytics: Vinyls - 2022

**Market Analytics: Vinyls - 2022** is one in a series of reports published as part of NexantECA's Markets & Profitability program.

Market Analytics: Vinyls - 2022 report provides an in-depth analysis of the following products :

- VCM
- PVC
- EDC

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Along with the written report, NexantECA's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

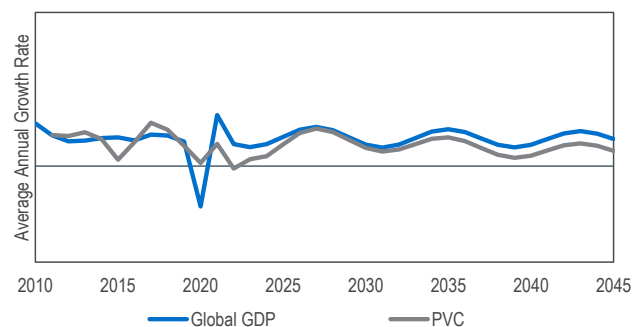
### Report Abstract:

The major uses of PVC are in the construction industry, which tends to track regional GDP growth. This relationship will remain valid in the future and higher GDP growth in regions such as Asia will make these markets progressively larger relative to the slower growth in developed regions.

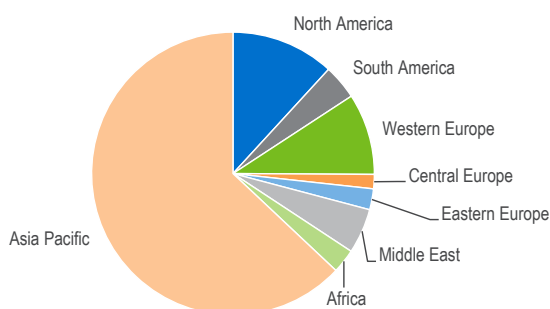
The rigid pipe market represents nearly 40 percent of global PVC demand, and PVC has vigorously defended its competitive position against traditional construction materials such as cast iron, clay and asbestos. In developing countries, PVC is commonly the only material of choice due to the ease and ability to establish low cost PVC pipe extrusion operations rather than more capital intense facilities for alternative pipe materials.

PVC has proved successful as a siding (i.e. cladding) material in preference to wood because of its low maintenance requirement. PVC is less energy intensive and quieter in use than aluminium. Vinyl siding does not dent, warp, crack, or support rot or mildew. Vinyl's inherent electrical resistance and flame resistance give added measures of safety over aluminium and wood respectively. PVC is also popular for window and door profiles because it provides better sound and heat insulation, as well as being air-and-water-tight. Therefore, PVC is more popular in the regions, which have relatively high or low temperatures.

**Global PVC Consumption Growth**  
*million tons*



**Global PVC Demand, 2022**



The markets in Asia are the main demand driver globally for PVC. Demand in Asia is estimated to have grown by three percent in 2021, with minimal increase in demand growth compared to 2020 as demand did not contract in 2020. In 2020, demand in China grew by above five percent due to an influx of manufacturing orders to support countries that could not produce goods due to the pandemic. As manufacturing restarted in these countries, the additional new orders ceased, resulting in slower growth in China. Electricity shortages in the second half of 2021 reduced demand growth in China further.

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### Appendix

- A. Methodology
- B. Technology

Chapter 3 is segmented by key region:

- North America
- South America
- Western Europe
- Central Europe
- Eastern Europe
- Middle East
- Africa
- Asia Pacific

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2045 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

For related analysis, please refer to:

[Profitability and Price Forecasts: Vinyls](#)  
[Quarterly Business Analysis](#)

## Subscription Details:

Subscription to **Market Analytics: Vinyls - 2022** includes:

- 12 month access via the NexantECA website, to:
  - Unlimited downloads of PDF reports
  - Downloadable data in Excel from the Online Database
- Webinar
- Consultation time with the project team

Customized subscriptions are also available.

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