

Asia Pacific Silicones Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 113 pages | EMR Inc.

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Report description:

The Asia Pacific silicones market was valued at USD 5.00 Billion in 2024. The industry is expected to grow at a CAGR of 5.50% during the forecast period of 2025-2034 to attain a valuation of USD 8.54 Billion by 2034.

Market Segmentation

Silicones are polymers with repeating units of siloxane or chain of alternating silicon and oxygen atoms. Due to its molecular structure, it is imbued with properties such as water resistance, tensile strength, high binding capacity, and transparency, among others. Silicones can be categorized as:

Market Breakup by Type

- Elastomers
- Fluids
- Gels
- Resins

Market Breakup by Application

- Industrial Process
- Construction Materials
- Home and Personal Care
- Transportation
- Energy
- Healthcare
- Electronics

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- Others

Market Breakup by Segment

- D5
- Emulsion

Market Breakup by Region

- China
- India
- South East Asia

Asia Pacific Silicones Market Analysis

Asia Pacific was the largest silicones market in 2016 due to the shifting of the production facilities by large players from North America and Europe to Asia. The key factors behind the shifting of production facilities included cheap labour, greater availability of raw materials and more market penetration opportunities in end-use businesses such as building and construction, transportation, personal care and consumer products, industrial process, electronics, medical and healthcare, energy, etc.

India and China are expected to maintain their positions as major manufacturing hubs due to low costs of manufacturing and openness towards electronics and automotive industries. China saw significant growth in the silicone market in 2016 and 2017. While several producers had to shut down units or cut output due to environmental regulations in 2017, such shutdowns corrected demand-supply patterns.

China remains the largest market for silicones in terms of value. It will continue to be one of the fastest developing markets in the world. Over the last ten years, there has been a rapid rise of domestic-based silicone manufacturers in China which has affected global markets significantly. It is a key market in the region followed by India and accounted for over half the global demand of silicones in 2017.

China is also the leading importer of silicones. A greater portion of silicones manufactured within the country is used to meet domestic demand. Even with growing demand in China, most Chinese silicones buyers tend to buy from global rather than local players. This is due to a slower technological innovation in the industry in China. However, the tools for future innovations are there with China.

Asia Pacific silicones market will continue to grow the fastest due to acceleration in price growth. With China producing more high-value goods, the manufacturing of lower-valued products would move to India and Southeast Asia. Construction, electronics, medical/personal care and transportation would be primary markets for silicones. Adhesives would drive growth in the construction sector while greater applications for liquid silicone rubber would drive growth in the medical segment.

The report by EMR provides a detailed analysis of the silicones markets in China, India and South East Asia. The report also analyses the types of feedstock for Asia Pacific silicones market.

Competitive Landscape

The report analyses the following key players in the global and Asia Pacific silicones market, looking into their market share, capacity and latest developments like plant turnarounds, expansions of capacity, and mergers and acquisitions:

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- Elkem Silicones
- Wacker Chemie AG
- Dow Chemical Company
- Evonik Industries AG
- Momentive Performance Materials Inc.
- Siltech Corporation
- Others

EMR's comprehensive report gives an in-depth insight into the price trends, trade data and the various components of the value chain. It also analyses the market according to Porter's five forces.

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