

# **Caprolactam Market By Material Type (Engineering Plastics & Fibers), & By Application (Textile, Industrial, Carpet, Automotive, Film & Coating, Machinery, E&E, Consumer Goods, Appliances, Wire & Cable, & Others) - Global Trends & Forecast to 2019**

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## **Abstracts**

The report covers the caprolactam market on the basis of material type, applications, and geography. The market data for these types is given with respect to volume (thousand tons) and value (\$Million). The market value of caprolactam was estimated to be \$14,540.5 million in 2012, and is projected to grow with a CAGR of 3.9% from 2014 to 2019. The data mentioned in the report are based on the global demand for the caprolactam.

The total market for caprolactam has been analyzed based on the Porter's five forces model. This gives an idea about the current proceedings in the industry at the commercial level. The study provides the value chain analysis with respect to caprolactam raw materials, manufacturers, polyamide 6 demand, and end uses. The value chain describes the key contributors to the materials market at different stages from product development to end use. It represents the top players which are contributing to the global caprolactam industry.

The impact of different market factors, such as drivers, restraints, and opportunities is also illustrated in the report. This gives an idea about the key drivers such as the automotive industry – weight reduction in vehicles, growth in film & coating applications, growth of emerging economies; and restraints such as moisture absorption resulting in degradation of properties, and current economic condition of Europe. The economic slowdown in Europe and U.S. also affected the economy of other developed countries that are of key importance for the commercial success of new materials and its end-user

market.

The caprolactam market is also classified based on different applications. The important applications include textiles, industrial, carpet filament, staple fiber, automotive, film & coating, industrial/machinery, electrical & electronics, consumer goods, appliances, wires & cables, and others. The automotive and consumer goods & appliances are expected to show rapid growth in the future.

The key companies in this market are BASF SE (Germany), Royal DSM N.V. (The Netherlands), SINOPEC (China), UBE Industries (Japan), and Honeywell International (U.S.); while China Petrochemical Development Corporation (China), China Petroleum & Chemical Corporation (China), Shandong Haili Chemical Industry (China) and others are the most active and important players of the caprolactam industry in the Asia-Pacific market. These companies are consistently focusing on expanding their production capacity to achieve a competitive advantage and thereby serving the customers more effectively. Investments, followed by expansions were the most preferred strategies by the top players in the year 2012 that are driving the demand of caprolactam.

The Asia-Pacific region emerged to be the driving factor for this market, contributing for about 47.5% of the global demand in terms of consumption for the year 2012. China is the leading country in the consumption of caprolactam due to the increased demand of polyamide 6 from the automotive and packaging industries. The important emerging economies such as Brazil, India, Russia, etc. are further lined up for a higher growth in this market.

The report also presents a competitive landscape covering different strategies and developments such as mergers & acquisitions, expansions, and agreements undertaken by the leading caprolactam companies in the past few years. Furthermore, different caprolactam market participants are also profiled in the report.

Scope of the report

**The report segments the global caprolactam market as:**

The caprolactam market has been covered in detail in this report. In order to provide an in-depth picture, the current market demand and forecasts have also been included.

On the basis of material type:

Engineering plastics

Fibers

On the basis of applications:

Fiber:

Textile filament

Industrial filament

Carpet filament

Staple fibers

Engineering Plastics:

Automotive

Film & coating

Industrial/Machinery

Electrical & electronics

Consumer goods

Appliances

Wires & cables

Others

On the basis of geography:

North America

Europe

Asia-Pacific

ROW

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