

Global Synthetic Rubber Market Report: 2011 Edition

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Abstracts

Synthetic rubber is a type of artificial elastomer which serves as a substitute for natural rubber in many cases especially, when improved material properties are required. It can be made from the polymerization of a large number of monomers including isoprene, butadiene, chloroprene and isobutylene along with a small percentage of isoprene for cross-linking. Synthetic rubber plants were built after 1945 and since then synthetic has maintained the lead. Butadiene is the major feedstock in synthetic rubber.

The global synthetic rubber production and consumption has been increasing significantly over the last few years. However, there was a dip in the production as well as consumption in 2009 due to financial crisis. Of the global butadiene demand, Butadiene Rubber (BR) accounts for major share by usage. China is the largest producer as well as consumer of synthetic rubber. China also produces significant quantity of Styrene Butadiene Rubber (SBR) which is the most important type of synthetic rubber. Japan also undertakes significant production of SBR. In Japan, the major producer of synthetic rubber is JSR.

The report delves into the segments of synthetic rubber market, regional analysis including China and Japan, recent trends in the global synthetic market including price trend of synthetic rubber and stock to consumption ratio of synthetic rubber, issues and challenges affecting the synthetic rubber industry. Lanxess has been the largest player in the production of synthetic rubber followed by Goodyear and KKPC. The production capacity of the leading companies has also been presented in this report. The current report also profiles the four largest players Lanxess, Goodyear Tire, KKPC and Exxon Mobil.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models

with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

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