

High Temperature Fiber Market by Fibers Type (Aramid (Para-aramid, Meta-aramid, others), Ceramic (Refractory Ceramic Fibers, Low Bio-persistent and others), and other fibers (Basalt, and others)), by Application (Security & Protection, Automotive, Aerospace, Industrial, Electrical & Electronics, and others) and by Region - Global Trends and Forecasts to 2020

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## **Abstracts**

High temperature fibers are advanced high-performance fibers that have high load-bearing capacity with excellent resistance to thermal and flame. Owing to these unique properties, high temperature fibers find applications in security & protection, aerospace, automotive, industrial, and electrical & electronics, and other sectors.

The high temperature fibers market size, in terms of value, is projected to reach around USD 8,308.46 million by 2020 and is expected to witness a CAGR of 8.74% between 2015 and 2020. Major market applications which are expected to drive this market are security & protection and industrial sector.

The market demand for high temperature fibers is increasing across a wide spectrum of applications, and sustained growth is expected in the security & protection, automotive and aerospace industry application segments over the next five years. The report analyzes the high temperature fibers market trends and forecasts till 2020. The market size has been provided in terms of market volume (tons) and value (USD million). The report also identifies the key players and provides an assessment for each player in terms of their financials, products & services offered recent developments, and their



strategy.

The demand for high temperature fibers in the industrial and security & protection application is expected to witness CAGRs of 9.08% and 8.65% respectively. These two applications constitute a significant share of the overall high temperature fibers market. The aramid fiber industry is investing heavily in the development of new technologies to enable production of new and high-quality products. The companies involved in this market are highly engaged in research and new product developments.

Asia-Pacific is the biggest market for high temperature fibers that accounted for 40.32% of the total market, in terms of value, in 2014. The main factors that contributed to the growth of the Asia-Pacific market were increasing demand from the industrial sector, mainly from power steel, cement, automotive, and security & protection applications. High temperature fibers are mainly used for industrial application in the Asia-Pacific region. The key reason for the high demand of high temperature fibers in these applications are its unique characteristics such as fire resistance, heat resistance, and high strength, among others.



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