Fire Resistant Fabrics Market by Type (Treated (FR Cotton and FR Viscose), Inherent (Aramid and PBI)), Application (Apparel, Non-Apparel), End Use Industry (Industrial, Defense & Public Safety Services, Transportation) - Global Forecast to 2021

Description: The global fire resistant fabrics market is projected to reach USD 5.27 billion by 2021, at a CAGR of 5.3% from 2016 to 2021. The growth is primarily due to the stringent regulations and standardizations pertaining to safety at the workplace, coupled with the rising demand from end-use industries. The factors restraining the growth of this market are the high production cost and fluctuating raw material costs.

“Treated fire resistant fabrics to be the largest type in the global fire resistant fabrics market”

The market for treated fire resistant fabrics is projected to be the largest by type, in the global fire resistant fabrics market from 2016 to 2021. The market for treated fire resistant fabrics is mainly driven by its low cost as compared to inherent fabrics.

However, the inherent fire resistant fabrics are projected to register the highest CAGR during the forecast period. This high growth is majorly owing to the rising demand for high performance fire resistant fabrics in the developed regions.

“Apparel to be the largest application of the fire resistant fabrics market during the forecast period”

Apparel is expected to be the largest application in the global fire resistant fabrics market from 2016 to 2021. The rising demand for protective clothing from the various end-use industries such as oil & gas, construction & manufacturing, and chemicals is expected to drive the fire resistant fabrics market in the apparel application.

“Industrial to be the largest end-use industry in the global fire resistant fabrics market”

The demand for fire resistant fabrics is the highest in the industrial segment due to the implementation of government regulations related to the use of fire resistant wear in different industries, especially in oil & gas, and chemical industries. The industrial segment is subdivided into major end-use industries such as, construction & manufacturing, oil & gas, and others, including chemical, and mining.

“Europe to be the largest fire resistant fabrics market during the forecast period”

Europe is the largest fire resistant fabrics market. The leading position of Europe in the global fire resistant fabrics market is attributed to the stringent industrial standardizations pertaining to safety at the workplace. Moreover, the strong foothold of the key market players including, Royal TenCate N.V. (Netherlands), Lenzing AG (Austria), and Solvay SA (Belgium) is fueling the growth of fire resistant fabrics market in Europe.

Breakdown of profiles of primary interviews for the report:

- By Company Type: Tier 1 - 30%, Tier 2 -43% and Tier 3 - 27%
- By Designation: C Level - 43%, Director Level - 30% and Others - 27%
- By Region: North America - 37%, Europe - 23%, Asia-Pacific - 26% and RoW - 14%

Some of the key companies profiled in this report are:

- E.I. DuPont De Nemours and Company (U.S.)
- Kaneka Corporation (Japan)
- PBI Performance Products Inc. (U.S.)
- Royal TenCate N.V. (Netherlands)
- Teijin Ltd. (Japan)
- Westex By Milliken (U.S.)
- Gun EI Chemical Industry Co. Ltd. (Japan)
Study Coverage:

The report is segmented on the basis of type, application, end-use industry and region. The major types covered in this report are, treated (FR Cotton, FR Viscose, FR Polyester, and FR Nylon 6), and inherent (Aramid, PBI, PI, Modacrylic, and Polyamide). The applications include, apparel (protective clothing) and non-apparel (interior fabrics for transportation and household & industrial).

Based on end-use industry, the market has been segmented into industrial [oil & gas, construction & manufacturing, and others (mining and chemical)], defense & public safety services (military and firefighting & law enforcement), transport (railways, aircraft, marine, and automotive), and others (sporting goods, and furniture & furnishings).

The market is also segmented on the basis of regions including, the Asia-Pacific region, Europe, North America, Middle East & Africa, and South America.

This report covers the following studies:

- Market segmentation based on type/derivative, application, end-use industry and region
- Market dynamics including drivers, restraints and opportunities
- Value chain analysis
- Porter's Five Forces Analysis with respect to the global fire resistant fabrics market
- Profile of the key market players in the global fire resistant fabrics market

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