Global Solar Control Window Films Market - Segmented by Type, Application, and Geography - Trends and Forecasts (2016 - 2021)

Description:

Global solar control films market is expected to reach to USD 1.086 billion by the year 2020 from the current market of USD 479 million in 2014. Solar control films form a critical element as a protection against damaging UV rays and heat.

Globally the problems have been highlighted due to the changes in global environment and depletion of ozone layers. Every year frightening figures have been released by scientists regarding the damage to the environment. Melanoma which is the most deadly form of skin cancer is expected to rise for the next 15 years even with global programs to control it. In US itself, the cost of treating this would amount to USD 1.6 billion in US itself.

The other problems associated with solar radiation are the heat that is generated inside houses, commercial buildings, cars, trucks and ships. These places will have to spend substantially to reduce the excess heat generated, in the process increasing the precious power bills. The UV rays also claimed to damage the furnishings, hard floor, equipment and other materials. Where ever there are windows be it houses or offices these problems are likely to be exhibited there.

Both in developing and developed countries the Challenges arising due to the solar radiation is expected to compound over the next decades. However with the simple solutions the exposure could be reduced. Solar control film can used to improve energy efficiencies. It can also be a factor for increasing the living and working comfort in the buildings. It can be used as a safety supplement for the glasses as well as creating desired privacy solutions. Moreover these films can be flexibly used across a spectrum of surfaces in different colors. These are easy on maintenance and are also resistant to scratch. However blocking of solar UV rays and heat are the primary benefits of solar films.

Driving factor

Reduction of energy costs, carbon footprint are the key driving forces. Safety and security reasons with respect to thefts and reduction of ultra-violet (UV) and infra-red (IR) emissivity are the key factors driving this market.

Challenges

The challenge is in identifying an appropriate film depending on climatic conditions and glass specifications. The cost curtailed thereby on making a wrong decision keeps the customer from investing in it.

What the report contains

The report gives a detailed overview of the different kinds of films manufactured and segmented based on their application and type. Region wise break up forecasting the market size, growth has been given. Asia-Pacific being the third leading region, North America, South America, Europe with Others leading ahead has been forecasted by the year 2018.

Recent developments in the solar window control film industry about joint ventures, collaborations have also been listed.

The report also profiles the latest technological innovations being worked on in the solar window panel film industry in different laboratories with the potential to commercialize in the next 5 years.

Companies profiled in the solar control window films market report include 3M, CHB Industries, Decorative Films, LLC., Eastman Chemical Company, Garware Suncontrol, Hanita Coatings, Johnson Window Films, Madico, Polytronix, Purlfrost, Solar Control Films Inc., Solar Gard - Saint Gobain, Thermolite, and V-Kool USA etc.

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