Electrochromic Glass Market Analysis: By Thin Film Market (ITO, Nanomaterial, WO3); By Transparent Conductor (SnO2, ZnO, AZO); By Application (Automotive, Commercial, Residential, Aerospace) - Forecast (2015 - 2020)

Description: Electrochromic glass uses the concept of electrochromic to change the color of the glass to act as a panel and provide visibility at different levels in different applications. This type of glasses can turn transparent to opaque and vice-versa. Moreover, they can be changed from one color to another with the supply of small voltage. The transition is performed due to the materials used in between the glass panes. These materials include ITO, SnO2, WO3, IrO2 and many others. More new materials are being discovered to improvise the particular mechanism.

The electrochromic glasses are used in various commercial segments such as buildings, automobiles locomotives, aerospace and marine equipment. Out of all these, maximum application has been found in buildings followed by the automobiles. It includes interiors, external walls, automotive mirrors and many more.

The rising inclination towards green building is leading to rising applications of electrochromic glass. The automobiles such as Ferrari use this type of glass for its roof and other applications. Also, the adhesive factor and smoothness of the surface is considered as the developing parameters. The electrochromic glass market is estimated to grow from $xxm in 2015 to $xxm by 2020 at a CAGR of x.x%.

This report gives an in-depth analysis and segmentation of the electrochromic glass market. The market is segmented by material type of films and conductors, applications, geographic regions and key countries. The thin films segment includes different materials such as tungsten oxide, magnesium fluoride, nanomaterial and many others. Similarly, the transparent conductors segment includes indium tin oxide, fluorine-doped tin oxide, carbon nanotube based transparent conductors, aluminium doped zinc oxide and so on. The worldwide market of electrochromic glass is divided into North America, Europe, Asia-Pacific (APAC) regions along with Rest of the World (RoW). These geographies are further classified into countries holding prominent share in the global electrochromic glass market for the forecast period. Pricing analysis and value chain analysis will give key insights into the value addition as well as the market pricing scenario. Forecasts are provided for all the market segmentations for the forecast period.

In addition to the mentioned segments, the market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments. Market shares of the key players for 2014 are provided.

The prominent players profiled in this report are:

Asahi Glass Co.
Saint-Gobain S.A.
Schott Ag and others.

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