Automotive Glass Market by Vehicle & Glass Type, Smart Glass Market by Technology, Application & by Region - Forecast to 2020

Description:

"Automotive Glass Market by Vehicle & Glass Type (Tempered, Laminated, & Other), Smart Glass Market by Technology (Active and Passive), Application (Sunroof, Windshield, Sidelites/Backlites, & Side View/Rearview Mirrors), & by Region - Forecast to 2020"

A smart glass can be described as “a type of glass that changes its light-control properties with respect to stimulus provided such as intensity of light, variation in heat, and fluctuation in voltage.” The glass market for the automotive industry is driven by the increasing demand for vehicles, which in turn, is driving global vehicle production. In addition, increased demand for comfort and luxury, and increasing use of smart glass in vehicles is driving R&D investments in this market. The various safety standards followed in different countries also plays a very important role in the overall growth of the glass market. Emerging economies such as China and India offer growth opportunity for major automotive OEMs, hence they are constantly expanding their businesses in these countries. These organic growth strategies are expected to drive growth in the automotive glass market of these regions, as every vehicle has numerous glass applications including windshield, sidelites/backlites, and sunroofs among others. The safety regulations pertaining to automotive glass are getting stricter globally and this has led to improved demand for advanced automotive smart glass products.

Continuous R&D has attracted private players as well as various governments to invest in smart glass technology. As a result, there are number of players in the market offering smart glass for automotive applications. The different automotive smart glass technologies considered in the study are - active glass technologies such as suspended particle device (SPD), electrochromic (EC), & liquid crystal (LC)/polymer dispersed liquid crystal (PDLC) glass, and passive glass technologies such as photochromics and thermochromics.

This report projects the growth trends for the automotive glass industry from 2015 to 2020, through a detailed qualitative and quantitative analysis of the global market. The research methodology used in the report involves various secondary sources including encyclopedias, directories, and databases to identify and collect information useful for an extensive, commercial market study. The primary sources - experts from related industries and suppliers - have been interviewed to obtain and verify critical information as well as to assess the future prospects of the automotive glass market.

The report also provides a comprehensive review of market drivers, restraints, opportunities, challenges, and key issues in the global automotive glass market. Key players in the market for automotive glass have also been identified and profiled. Apart from a quantitative analysis, the report also covers qualitative aspects such as supply chain analysis, PEST analysis, and Porter's Five Force analysis for the global automotive glass market.

Scope of the Report

The glass and smart glass market for automotive industry is broadly categorized into the following segments:

Glass Market for Automotive Industry, By Glass Type:
- Tempered
- Laminated
- Others

Glass Market for Automotive Industry, By Vehicle Type:
- Passenger cars
- LCVs
- Heavy trucks
- Buses
Glass Market for Automotive Industry, By Region:

- North America
- Europe
- Asia-Oceania
- RoW

Smart Glass Market for Automotive Industry, By Technology:

- Suspended Particle Device
- Electrochromic
- Liquid Crystal (LC)/Polymer Dispersed Liquid Crystal (PDLC)
- Photochromic
- Thermochromic

Smart Glass Market for Automotive Industry, By Application:

- Sunroofs
- Side view/rearview mirror
- Windshield
- Sidelites/Backlites

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