Glazing Market by Polycarbonate Material, Application, Advanced Application, On-Highway & Off-Highway Vehicles, and by Region - Forecast to 2021

Description: “Increasing adoption of lightweight materials and growing market for sunroofs to drive the automotive polycarbonate glazing market”

The automotive polycarbonate glazing market is projected to reach USD 3.94 billion by 2021, growing at a CAGR of 17.53% from 2016 to 2021. This growth can be attributed to the increasingly stringent emission norms, which have prompted OEMs to switch to lightweight materials. Additionally, the growing demand for luxury cars has increased the demand for sunroofs, which are a key application of polycarbonate glazing.

“Sidelite: the fastest-growing application market for polycarbonate glazing”

Sidelites are projected to constitute the largest application market for polycarbonate glazing by 2021. Other applications of polycarbonate include backlite, sunroof, and lighting. There are currently no restrictions on the use of polycarbonate in sidelites. Considering the current scenario, the use of polycarbonate sidelites in the automotive sector is bound to increase.

“Lighting: the largest application market for polycarbonate glazing in 2016”

Polycarbonate has replaced glass in automotive headlamp/tail lamp lens applications. Almost all vehicles manufactured today have headlamp/tail lamp lens made of polycarbonate, as it is lightweight and can be molded into the complex shapes and sizes featured in today's headlamps. As every vehicle produced has a pair of headlamps and tail lamps, lighting is estimated to be the largest application market for polycarbonate glazing.

“Asia-Oceania: the largest market for automotive polycarbonate glazing”

Asia-Oceania is estimated to be the largest and fastest-growing market for automotive polycarbonate glazing, closely followed by North America. North America has one of the highest technology adoption rates, with newer technologies being adopted rapidly in the region. However, Asia-Oceania is the largest producer of automobiles in the world, and given the region's low technology penetration rate, the Asia-Oceania automotive polycarbonate glazing market is expected to grow at a faster rate than that of the North American market.

The study also contains insights from various industry experts, ranging from industry associations to Tier-1 companies and OEMs. The break-up of the primaries is as follows:

- By Company Type - Tier-1 - 43%, Tier-2 - 29%, OEM - 28%
- By Designation - C level - 48%, D level - 33%, Others - 19%
- By Region - North America - 34%, Europe - 30%, Asia-Oceania - 26%, RoW - 10%

Assuming a scenario where polycarbonate is allowed to be used in windscreen applications, advanced applications such as head-up displays and large windscreens would begin penetrating the market. Other advanced applications that are not dependent on market regulations, such as switchable glazing, hydrophobic glazing, and sun control glazing, are expected to slowly penetrate the market during the forecast period.

The following companies have been profiled in the report:

- Freeglass Gmbh & Co. Kg
- Sabic
- Covestro Ag (Bayer)
- Webasto
- Idemitsu Kosan Co., Ltd.
Reasons to buy this report:

In terms of insights provided, this research report has focused on various levels of analysis, including industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the automotive polycarbonate glazing market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights into the following points:

- Market Penetration: Comprehensive information on automotive polycarbonate glazing offered by top players in the global market
- Product Development/Innovation: Detailed insights into upcoming technologies, R&D activities, and new product launches in the automotive polycarbonate glazing market
- Market Development: Comprehensive information about lucrative emerging markets; the report analyzes the markets for automotive polycarbonate glazing across regions
- Market Diversification: Exhaustive information about new products, untapped regional markets, recent developments, and investments in the global automotive polycarbonate glazing market
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the global automotive polycarbonate glazing market

Contents:

1 Introduction
   1.1 Objectives Of The Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Years Considered In The Report
   1.4 Currency
   1.5 Package Size
   1.6 Limitation
   1.7 Stakeholders
2 Research Methodology
   2.1 Research Data
   2.2 Secondary Data
      2.2.1 Key Secondary Sources
      2.2.2 Key Data From Secondary Sources
   2.3 Primary Data
      2.3.1 Sampling Techniques & Data Collection Methods
      2.3.2 Primary Participants
   2.4 Factor Analysis
      2.4.1 Introduction
      2.4.2 Demand-Side Analysis
         2.4.2.1 Impact Of Disposable Income On Total Vehicle Sales
         2.4.2.2 Infrastructure: Roadways
         2.4.2.3 Vehicle Production Increasing In Developing Countries
      2.4.3 Supply-Side Analysis
      2.4.4 Price Of Raw Materials
      2.4.5 Influence Of Other Factors
   2.5 Market Size Estimation
   2.6 Data Triangulation
   2.7 Assumptions
      2.7.1 Additional Assumptions
3 Executive Summary
4 Premium Insights
4.1 Introduction
4.2 Emerging Opportunities In The Automotive Polycarbonate Glazing Market
4.3 Automotive Polycarbonate Glazing Market, By Region & Application
4.4 Automotive Polycarbonate Glazing Market, By Region & Vehicle Type
4.5 Automotive Polycarbonate Glazing Market, By Application & Vehicle Type
4.6 Polycarbonate Glazing Market, By Advanced Application & Region
4.7 Off-Highway Polycarbonate Glazing Market, By Region
4.8 Who Supplies To Whom
5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 Polycarbonate Glazing Market For On-Highway Vehicles, By Region, Application, & Vehicle Type
5.2.2 Off-Highway Polycarbonate Glazing Market, By Region & Application
5.2.3 Advanced Polycarbonate Glazing Applications In On-Highway Segment
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Increased Demand For Lightweight Glazing Materials
5.3.1.2 Growing Sunroof Market
5.3.1.3 Advanced Automotive Designs
5.3.2 Restraints
5.3.2.1 High Cost Of Polycarbonate Glazing
5.3.2.2 Regulations Prohibiting The Use Of Polycarbonate For Windscreens
5.3.3 Opportunities
5.3.3.1 Growing Market For Electric Vehicles
5.3.3.2 Upcoming Emission Targets
5.3.4 Challenges
5.3.4.1 Changing Preconceived Notions About Polycarbonate Glazing
5.4 Supply Chain Analysis
5.5 Porter'S Five Forces Analysis
5.5.1 Threat Of New Entrants
5.5.2 Threat Of Substitutes
5.5.3 Bargaining Power Of Suppliers
5.5.4 Bargaining Power Of Buyers
5.5.5 Competitive Rivalry
6 Automotive Polycarbonate Glazing Market, By Advanced Application (2017 - 2021)
6.1 Introduction
6.1.1 Head-Up Display:
6.1.2 Large Windscreen:
6.1.3 Switchable Glazing:
6.1.4 Hydrophobic Glazing:
6.1.5 Sun Control Glazing:
6.2 Automotive Polycarbonate Glazing Advanced Application Market, Scenario 1 (Normal)
6.3 Automotive Polycarbonate Glazing Advanced Application Market, Scenario 2 (Conservative)
6.4 Automotive Polycarbonate Glazing Advanced Application Market, Scenario 3 (Optimistic)
7 Automotive Polycarbonate Glazing Market, By Application, Vehicle Type, & Region
7.1 Introduction
7.2 Automotive Polycarbonate Glazing Market, By Application
7.2.1 Automotive Polycarbonate Glazing Market, For Passenger Car, By Application
7.2.2 Automotive Polycarbonate Glazing Market For Light Commercial Vehicles, By Application
7.3 Automotive Polycarbonate Sidelite Market
7.3.1 Automotive Polycarbonate Sidelite Market, By Region
7.3.2 Automotive Polycarbonate Sidelite Market For Passenger Car, By Region
7.3.3 Automotive Polycarbonate Sidelite Market For Light Commercial Vehicle, By Region
7.4 Automotive Polycarbonate Backlite Market
7.4.1 Automotive Polycarbonate Backlite Market By Region
7.4.2 Automotive Polycarbonate Backlite Market For Passenger Car, By Region
7.4.3 Automotive Polycarbonate Backlite Market For Light Commercial Vehicle, By Region
7.5 Automotive Polycarbonate Sunroof Market
7.5.1 Automotive Polycarbonate Sunroof Market, By Region
7.5.2 Automotive Polycarbonate Sunroof Market, For Passenger Car, By Region
7.5.3 Automotive Polycarbonate Sunroof Market, For Light Commercial Vehicle, By Region
7.6 Automotive Polycarbonate Lighting Market
7.6.1 Automotive Polycarbonate Lighting Market, By Region
7.6.2 Automotive Polycarbonate Lighting Market, For Passenger Car, By Region
7.6.3 Automotive Polycarbonate Lighting Market, For Light Commercial Vehicle, By Region
8 Off-Highway Polycarbonate Glazing Market, By Region
8.1 Introduction
8.2 Off-Highway Polycarbonate Window Market, By Region
8.3 Off-Highway Polycarbonate Lighting Market, By Region
9 Automotive Polycarbonate Glazing Market, By Region, By Vehicle Type And Application
9.1 Introduction
9.2 Global Automotive Polycarbonate Glazing Market, By Region
9.2.1 Passenger Car Polycarbonate Glazing Market, By Region
9.2.2 Light Commercial Vehicle Polycarbonate Glazing Market, By Region
9.3 North American Automotive Polycarbonate Glazing Market
9.3.1 North American Automotive Polycarbonate Glazing Market, By Application
9.3.2 North American Automotive Polycarbonate Glazing Market For Passenger Car, By Application
9.3.3 North American Automotive Polycarbonate Glazing Market For Light Commercial Vehicle, By Application
9.4 European Automotive Polycarbonate Glazing Market
9.4.1 Europe Automotive Polycarbonate Glazing Market, By Application
9.4.2 Europe Automotive Polycarbonate Glazing Market For Passenger Car, By Application
9.4.3 Europe Automotive Polycarbonate Glazing Market For Light Commercial Vehicle, By Application
9.5 Asia-Oceania Automotive Polycarbonate Glazing Market
9.5.1 Asia-Oceania Automotive Polycarbonate Glazing Market, By Application
9.5.2 Asia-Oceania Automotive Polycarbonate Glazing Market For Passenger Car, By Application
9.5.3 Asia-Oceania Automotive Polycarbonate Glazing Market For Light Commercial Vehicle, By Application
9.6 Row Automotive Polycarbonate Glazing Market
9.6.1 Row Automotive Polycarbonate Glazing Market, By Application
9.6.2 Row Automotive Polycarbonate Glazing Market For Passenger Car, By Application
9.6.3 Row Automotive Polycarbonate Glazing Market For Light Commercial Vehicle, By Application
10 Competitive Landscape
10.1 Overview
10.2 Key Players: Polycarbonate Resin Production Capacity And Annual Revenue
10.3 Competitive Situation & Trends
10.5 Expansions
10.6 Agreements, Partnerships, Collaborations, And Supply Contracts
10.7 Mergers And Acquisitions
11 Company Profiles
11.1 Introduction
11.2 Covestro Ag
11.3 Saudi Basic Industries Corp
11.4 Webasto Se
11.5 Freeglass Gmbh & Co. Kg
11.6 Idemitsu Kosan Co., Ltd.
11.7 Mitsubishi Engineering - Plastics Corporation
11.8 Trinseo S.A.
11.9 Teijin Limited
11.10 Chi Mei Corporation
11.11 Krd Sicherheitstechnik Gmbh
12 Appendix

List of Tables
Table 1 Overview Of Emission & Fuel Economy Regulation Specifications For Passenger Cars
Table 2 Luxury Vehicle Sales, By Key Country
Table 3 Cars With Sunroof (Million Vehicles), 2014 - 2021
Table 4 Emission Targets Of Major Oems
Table 5 Porter'S Five Forces Analysis
Table 6 Polycarbonate Glazing Market Size, By Advanced Application (’000 Vehicles)
Table 7 Polycarbonate Glazing Market Size, By Advanced Application (’000 Vehicles)
Table 8 Polycarbonate Glazing Market Size, By Advanced Application (’000 Vehicles)
Table 9 Automotive Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (Million M2)
Table 10 Automotive Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (USD Billion)
Table 67 Row Passenger Car Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (Million M2)

Table 68 Row Passenger Car Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (USD Million)

Table 69 Row LCV Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (Million M2)

Table 70 Row LCV Polycarbonate Glazing Market Size, By Application, 2014 - 2021 (USD Million)

Table 71 Expansions, 2016

Table 72 Agreements, Partnerships, Collaborations, And Supply Contracts, 2015 - 2016

Table 73 Mergers & Acquisitions, 2015

List of Figures

Figure 1 Polycarbonate Glazing: Market Segmentation

Figure 2 Automotive Polycarbonate Glazing By Advanced Applications

Figure 3 Research Design: Automotive Polycarbonate Glazing

Figure 4 Research Methodology Model

Figure 5 Breakdown Of Primary Interviews: By Company Type, Designation, & Region

Figure 6 Impact Of Disposable Income On Vehicle Sales, 2014

Figure 7 Roadways Infrastructure: Road Network (Km), By Country, 2011

Figure 8 Vehicle Production, 2010 - 2015

Figure 9 Market Size Estimation Methodology For The Automotive Polycarbonate Glazing Market: Bottom-Up Approach

Figure 10 Automotive Polycarbonate Glazing Growth Trend, By Application & Region (By Value), (2016-2021)

Figure 11 Asia-Oceania And North America Will Be The Largest Markets For Polycarbonate Glazing By 2021 (By Value)

Figure 12 Lighting Application Accounts For The Maximum Share In Automotive Polycarbonate Glazing Market, 2016 (By Value)

Figure 13 Asia-Oceania And North America Are The Fastest Growing Regions For Automotive Polycarbonate Glazing (By Value)

Figure 14 Rapidly Growing Market For Automotive Polycarbonate Glazing

Figure 15 Lighting To Be The Largest Application Segment Of The Automotive Polycarbonate Glazing Market In 2016 (By Value)

Figure 16 Passenger Cars To Account For The Largest Share In The Automotive Polycarbonate Glazing Market In 2016 (USD Million)

Figure 17 Passenger Cars To Constitute The Largest Market For Polycarbonate Glazing Applications In 2016 (By Value)

Figure 18 Sun Control Glazing To Be The Largest Advanced Application Market For Polycarbonate Glazing In 2017 (By Volume)

Figure 19 Asia-Pacific To Hold The Largest Share In The Off-Highway Segment Of The Automotive Polycarbonate Glazing Market, 2016 (By Volume)

Figure 20 On-Highway Polycarbonate Glazing Market Segmentation

Figure 21 Off-Highway Polycarbonate Glazing Market Segmentation

Figure 22 Automotive Polycarbonate Glazing Market By Advanced Application

Figure 23 Automotive Polycarbonate Glazing Market Dynamics

Figure 24 Price Of Polycarbonate Resin (2013 - 2021-P)

Figure 25 Increasing Sales Of Electric Vehicles, 2011 - 2015

Figure 26 Automotive Polycarbonate Glazing: Supply Chain

Figure 27 Porter’S Five Forces Analysis: Automotive Polycarbonate Glazing Market

Figure 28 Competitive Rivalry In The Automotive Polycarbonate Glazing Market Is Considered Medium

Figure 29 High Initial Investments & R&D Expenses Tend To Have The Highest Impact On New Entrants

Figure 30 No Commercially Available Substitutes For Polycarbonate Glazing

Figure 31 Large Customer Base & Product Differentiation Allow Suppliers To Have A High Bargaining Power

Figure 32 Bargaining Power Of Buyers Is High Due To The Availability Of Low-Priced Glass Glazing

Figure 33 Large Number Of Buyers Makes The Competitive Rivalry In The Automotive Polycarbonate Glazing Market Medium

Figure 34 Advanced Polycarbonate Glazing Market, By Scenario - 2017-E (Volume)

Figure 35 Automotive Polycarbonate Glazing Market, By Application, 2016 - 2021 (By Value)

Figure 36 Off-Highway Polycarbonate Window Market

Figure 37 Asia-Pacific To Be The Largest Market For Off-Highway Polycarbonate Glazing For Lighting Applications

Figure 38 Asia-Oceania Will Be The Largest Market For Polycarbonate Glazing By 2021 (By Volume)

Figure 39 Asia-Oceania Estimated To Be The Largest Polycarbonate Glazing Market In 2016 (By Value)

Figure 40 Asia-Oceania Will Be The Largest Markets For Passenger Car (By Value)

Figure 41 North America Will Be The Largest Markets For LCV (By Value)

Figure 42 Companies Adopted New Product Development And Strategic Collaborations As The Key Growth
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