+44 20 8123 2220
info@marketpublishers.com

Polyvinyl Butyral (PVB) Market by Applications (Films & Sheets, Paints & Coatings, Adhesives), End-use (Automotive, Construction, Electrical & Electronics) and Region (North America, Asia Pacific, Europe, South America, Middle East & Africa) - Global Forecast to 2027

https://marketpublishers.com/r/P5C7B002980EN.html
Date: August 2022
Pages: 167
Price: US$ 4,950.00 (Single User License)
ID: P5C7B002980EN

Abstracts

The global polyvinyl butyral (PVB) market size is projected to grow from USD 3.7 Billion in 2022 to USD 5.1 Billion by 2027, at a CAGR of 6.5% between 2022 and 2027. PVB are witnessing increased adoption in vehicles sunroof, aircraft windows for noise suppression, and interlayers in glass for enhanced safety. PVB films & sheets applications in construction industry are driven by the growth in residential housing, favorable demographics, and rising affordability which support the growth of PVB market during the forecast period. PVB films are also used in photovoltaic industry as the encapsulation material which enhance the life span of solar panels. However, availability of substitute materials such as ethylene-vinyl acetate (EVA) restricts the growth of the PVB market.

In terms of value, adhesives is the third fastest-growing segment in PVB market, by application, during the forecast period.

PVB adhesives have strong adhesion characteristics and suitable for bonding metal, glass, leather, wood, and paper. PVB resins are used to develop variety of adhesives such as PCB and hot-melt adhesives. PCB adhesives possesses high strength and resistance ideal for electrical applications. PVB adhesives have high tensile strength due to which it is used to bind glass splinters and panels in various end-use industries.

In terms of value, construction is estimated to be second fastest-growing segment in PVB market, by end-use industry, during the forecast period.

The growth of polyvinyl butyral (PVB) market is mainly contributed to the rapid developments in the construction industry. PVB laminating glass is utilized in commercial shops, government buildings, and banks for safety &security. PVB films have consumption in residential construction for protection of indoor furniture and plastic products from ultraviolet radiation and fading. Additionally, consumption of low thickness PVB sheets such as 0.38 millimeters, 0.76 millimeters, and 1.04 millimeters in architectural applications will boost the growth of the market.

Europe region accounted for the second-largest share in the PVB market by value.

The region has stringent regulations to achieve energy efficiency in construction projects. Safety standards such as use of laminated glass in cars, LCVs, trucks, and buses and established automotive industry supports the growth of the market. Focus on clean energy generation by using renewable sources of energy such as solar power produced by photovoltaics is also expected to propel the demand of PVB in the region. Europe is considered an automotive hub, owing to the presence of established automobile manufacturers, such as Volkswagen, BMW, and Daimler. Moreover, technological advancements, new reformed policies, and rising investments in the region is expected to increase the consumption of PVB during the forecast period.

Breakdown of primaries

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the PVB market, and information was gathered from secondary research to determine and verify the market size of several segments. The break-up of the primaries is as follows:

By Company Type: Tier 1 – 40%, Tier 2 – 30%, and Tier 3 – 30%

By Designation: C Level Executives– 20%, Directors – 10%, and Others – 70%

By Region: APAC – 30%, Europe – 30%, North America – 20%, the Middle East & Africa – 10%, and South America- 10%

+44 20 8123 2220
info@marketpublishers.com

Major players operating in the PVB market includes Kuraray Co. Ltd.(Japan), Eastman Chemical Company (US), Sekisui Chemical Co. Ltd.(Japan), Hubergroup (Germany), Chan Chun Group (Taiwan), Anhui WanWei Bisheng New Material Co., Ltd.(China), Kingboard (fo gang) Specialty Resins (China), Qingdao Jinuo New Materials Co., (China), Huakai Plastic (China), Tridev Resin Pvt. Ltd.(India).

Research Coverage:

This report provides detailed segmentation of the PVB market based on by application, by end-use industry, and region. Based on application, the market has been segmented into film & sheets, paints & coatings, and adhesives. Based on end-use industry, the market has been segmented into automotive, construction, and electronics & electricals.

Key Benefits of Buying the Report:

From an insight perspective, this research report focuses on various levels of analyses — industry analysis (industry trends), market ranking of top players, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the PVB market; high growth regions; and market drivers, restraints, opportunities, and challenges.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

6 PVB MARKET, BY APPLICATION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

10 COMPANY PROFILES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

About

PVB resins has gained acceptance among manufacturers of photovoltaic thin film solar modules. Increasing applicability of PVB resins in the solar energy generation industry is expected to provide new opportunities for market growth. Growing economic forces, investment in R&D activities, and continuous technological developments are converging opportunities for photovoltaic industries. Key companies manufacturing PVB resins are focusing on efficiency of thin films, processing innovations, and low-cost processing & manufacturing techniques to increase the production capacity of solar panels.

Photovoltaic industry uses PVB films as the encapsulation material of double-glazing elements with integrated solar cells. This would significantly increase the life of solar panels. In developing regions, such as Asia-Pacific & RoW, the photovoltaic industry is an emerging industry and is witnessing fast growth. Key manufacturers are increasing their facilities in developing economies for PVB resins, which is increasing the PVB resins consumption in photovoltaic industry.

PVB films & sheets are coatings that are primed from specialty PVB resin. PVB film is one of the most popular interlayer used for glass lamination. Laminated glass comprises of a protective interlayer, usually PVB which is bonded between two panels of glass. The bonding process takes place under heat and pressure. Under these conditions, the PVB interlayer becomes optically clear and binds the two panes of glass. The thickness of interlayer film for laminated glass is not particularly limited, but generally lies in range between XXmm to XX mm. The PVB film retains its excellent adhesive, optical tensile and chemical properties on long term environmental exposure.

PVB sheet is used as the energy absorbing interlayer in paramount safety glass applications including automobile windshields. The PVB sheet is regularly manufactured at the thickness of XX mm for architectural use and XX mm for both automobile and architectural use. The width of PVB sheet can be up to XX meters. High tensile strength of PVB sheet makes it particularly useful in the production of safety glass.

Automotive industry is one of the most significant industries in the PVB films & sheets market. Safety glass, also known as the PVB laminated glass is primarily used in automobile windshield. Apart from its usage in the windshield area, PVB film can also be used in the edge of the window due to its ingrained properties, such as wear-resistant, safety, heat preservation, and noise control. PVB laminated glass has high strength, toughness, impact resistance ability, good safety, and high transparency. For automotive windshields a sheet thickness of about o.8 mm is generally used. PVB films are widely used in automotive industries, because of its good resistance to chemical and solvent attack. Also, PVB provides excellent tensile strength and flexibility to its products.

The rapid growth of car sales has widely driven the PVB film market particularly in China, Japan, the U.S., and Germany. The continuous innovation observed in the production and introduction of safety glass (enhanced protective glass) as well as the adoption of glass roofs and side windows is expected to augment the demand of safety glass in the automotive sector, thereby becoming a major market driver for the PVB films & sheets market.

In 2013, it is estimated that XX KT of PVB resin for films & sheets application were consumed by the automotive end-user industry, and this demand is estimated to reach XX KT by 2019, at a CAGR of XX% from 2014 to 2019. However, the overall market value for the consumption of PVB films & sheets by the automotive industry is valued to be $XX million in 2013, which is projected to grow at a CAGR of XX% during the forecast period.

China is the biggest market for automotive industry as an end user of PVB films & sheets. Also the demand for laminating safety glass is accelerating at a significant pace, which in turn is pushing the demand for PVB films & sheets.

In XX KT of PVB resin was consumed by the films & sheets industry, and this consumption is expected to reach XXKT by 2019, at a projected CAGR of XX% between 2014 and 2019. In 2013, PVB resin market size in terms of value for films & sheets industry was valued at $XX million, and is estimated to reach $XX million by 2019, at a projected CAGR of XX% during the forecast period.

Films & sheets application segment is the largest market for PVB resin, consuming XX% of the total consumption in 2013. The highest consumption of PVB resin in films & sheets was in the U.S., followed by China with a market share of XX% and XX% of the global market respectively, in 2013.

China has been the market leader, in terms of consumption and revenue generation, of PVB resins. The country has also been a dominant exporter of PVB resins across the world. This trend is recently been witnessing a change due to the increasing manufacturing facilities of PVB resins in the country. China’s market size, in terms of value, is estimated to grow at a CAGR of XX% between 2014 and 2019, and constitutes around XX% of the PVB resins market in Asia-Pacific.

China consumed about XX KT of PVB resins for films & sheets application in 2013, with anticipated projected consumption growth of about XX% between 2014 and 2019. About XX% of PVB resins consumption was in films & sheets, indicating that the country is continuously trying to produce high quality PVB resins. Paints & coatings industry was estimated to account for XX% of China's PVB resins consumption, in terms of volume, with a market size of XX KT in 2013.

The PVB resins market size, in terms of volume, in China was estimated to be XX KT in 2013. It is estimated that by 2019 this market will reach XX KT; growing at a CAGR of XX% between 2014 and 2019. The films & sheets application has the largest share in China's PVB resins market and its market size, in terms of volume, was estimated to be XX KT in 2013 and is projected to reach XX KT by 2019.

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Polyvinyl Butyral (PVB) Market by Applications (Films & Sheets, Paints & Coatings, Adhesives), End-use (Automotive, Construction, Electrical & Electronics) and Region (North America, Asia Pacific, Europe, South America, Middle East & Africa) - Global Forecast to 2027

Product link: https://marketpublishers.com/r/P5C7B002980EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P5C7B002980EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

**All fields are required

Custumer signature _______________________________________

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970