

Acrylic Sheet Market By Type (Extruded Acrylic Sheet, Cell Cast Acrylic Sheet, Continuous Cast Acrylic Sheet) , By Application (Construction and Architecture, Healthcare and Medical, Automotive and Transportation, Food and Beverages, Electrical and Electronics, Sanitary Ware, Others) : Global Opportunity Analysis and Industry Forecast, 2024-2031

<https://marketpublishers.com/r/AFE06141CE47EN.html>

Date: July 2024

Pages: 300

Price: US\$ 2,655.00 (Single User License)

ID: AFE06141CE47EN

Abstracts

Acrylic Sheet Market

The acrylic sheet market was valued at \$4.0 billion in 2023 and is projected to reach \$6.2 billion by 2031, growing at a CAGR of 5.9% from 2024 to 2031.

Acrylic sheet is a thermoplastic material transparent in appearance and an excellent alternative to glass. The material is further known by other names, including plexiglass and acrylic glass. The lightweight nature and resistance to shatter & scratches make acrylic sheet an affordable substitute in applications where strength is not pivotal. The sheet remains suitable for outdoor applications due to its ability to withstand harsh temperatures and UV rays. The easy fabrication attribute of the sheet allows for customization into desired or intricate shapes and sizes.

Increase in construction activities and architectural remodeling is a major driver of the acrylic sheet market. In addition, the sheet experiences a high demand from the automotive sector for installation in taillights, headlights, and interior trim. Furthermore, the sheets are being used as an excellent substitute for PVC plastics due to their

recyclability and low environmental impact, hence augmenting the development of the market. Currently, innovation in the manufacturing of acrylic sheets is trending as it is elevating their applicability across diverse industries. The administration of nano-coatings and surface treatments is gaining prominence as it enhances the attributes of the sheets such as self-cleaning, anti-reflective properties, and anti-fogging capabilities. These characteristics are boosting the utility of the sheets in marine and healthcare sectors.

However, fluctuations in the prices of oil hamper market growth as the sheet is constructed from petroleum-based raw materials. Moreover, the usage of petroleum-based materials limits the expansion of the market as environmentally conscious segment of consumers deter from the usage of acrylic sheets. On the contrary, the integration of technology into acrylic sheets is anticipated to open new avenues for the market. Smart coatings and sensor integration into the sheets are acquiring traction to provide functionalities such as glare reduction and temperature adjustment. These ingenious attributes are projected to be highly beneficial for the aerospace and automotive industries. According to Acrylic Sheets India, an acrylic products manufacturer, the annual production of acrylic is expected to increase at the rate of 5% in the coming future.

Segment Review

The acrylic sheet market is segmented by type, application, and region. On the basis of type, the market is divided into extruded acrylic sheet, cell cast acrylic sheet, and continuous cast acrylic sheet. As per application, it is classified into construction & architecture, healthcare & medical, automotive & transportation, food & beverages, electrical & electronics, sanitary ware, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of type, the cell cast acrylic sheet segment held the highest market share in 2023.

As per application, the construction & architecture segment acquired a high stake in the market in 2023.

Region wise, Asia-Pacific was the highest revenue generator in 2023.

Competition Analysis

The major players operating in the global acrylic sheet market include Aristech Surfaces LLC., Evonik Industries AG, 3A Composites GmbH, Piedmont Plastics Inc, Elastin International Corp., Asia Poly Holdings Berhad., Ray Chung Acrylic Enterprise Co., Ltd., Plaskolite Inc, Sun Acrylam Private Limited, and PT Margacipta Wirasentosa. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, to strengthen their foothold in the competitive market.

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Manufacturing Capacity

Investment Opportunities

Product Life Cycles

Supply Chain Analysis & Vendor Margins

Upcoming/New Entrant by Regions

Technology Trend Analysis

New Product Development/ Product Matrix of Key Players

Regulatory Guidelines

Strategic Recommendations

Additional company profiles with specific t%li%client's interest

Additional country or region analysis- market size and forecast

Average Selling Price Analysis / Price Point Analysis

Brands Share Analysis

Expanded list for Company Profiles

Historic market data

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

List of customers/consumers/raw material suppliers- value chain analysis

Per Capita Consumption Trends

Product Consumption Analysis

SWOT Analysis

Volume Market Size and Forecast

Key Market Segments

By Type

Extruded Acrylic Sheet

Cell Cast Acrylic Sheet

Continuous Cast Acrylic Sheet

By Application

Construction and Architecture

Healthcare and Medical

Automotive and Transportation

Food and Beverages

Electrical and Electronics

Sanitary Ware

Others

By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

UAE

Rest of LAMEA

Key Market Players

Aristech Surfaces LLC.

Evonik Industries AG

3A Composites GmbH

Piedmont Plastics Inc

Elastin International Corp.

Asia Poly Holdings Berhad.

Ray Chung Acrylic Enterprise Co., Ltd.

Plaskolite Inc

Sun Acrylam Private Limited

PT Margacipta Wirasentosa

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