

Polyvinyl Extrusion (PVC) Extrusion Market - Forecasts from 2019 to 2024

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Abstracts

The global Polyvinyl (PVC) Extrusion market is expected to grow at a decent CAGR of 2.12% throughout the forecast period to reach US\$5.895 billion in 2024 from US\$5.198 billion in 2018. The rapid increase in the demand of the PVC for both indoor and outdoor use is the major factor that will drive the market for the Polyvinyl (PVC) Extrusion during the given time frame.

Extrusion is a continuous process of converting a solid plastic mass, pellet or powder into a melted form where it is pushed through a die into a shape. Plastics extrusion is a manufacturing process in which raw plastic is melted and formed into a continuous profile to produce items such as pipe/tubing, fencing, deck railings, window frames, plastic films and sheeting, thermoplastic coatings, and wire insulation. The PVC extrusion process is very similar to that of other plastic extrusion processes. Some differences in operating temperature and duration may apply, but the basic concept of extrusion remains the same regardless of materials. Raw PVC, depending on its specific properties and the method by which it is formed, can be made into any shape and can feature varying qualities of rigidity, flexibility, clarity or opaqueness.

Flexible and rigid PVC can be manufactured to be almost completely transparent or completely opaque, making it ideal for use in some chemical processing applications. Like all plastic varieties, PVC resists corrosion from exposures to some chemicals better than others, and some studies suggest that PVC products can leach toxins into their contents. In the case of rigid PVC, it can be extruded into a limitless variety of strips, tubes, and profiles. Extruded PVC pipes are among the most widely used plumbing materials in the world. Flexible PVC can also be extruded into tubing, which is used in food processing, wastewater treatment and in many other applications.

The polyvinyl extrusion market is projecting a steady growth. Low cost, recyclability, and versatility for both indoor and outdoor use are the major factors that make PVC extrusions a popular choice for a wide range of industries such as building and construction. The demand is mainly driven by the growing investment in infrastructure development across the globe that is providing a big boost to the PVC extrusion market growth. However, the volatile raw material price might hamper the growth of the market during the given forecast period.

By End-User Industry

By the end-user industry, the global polyvinyl extrusion market is segmented as a Construction, Aerospace, Healthcare, Automotive and Others. The automotive sector is expected to show better growth owing to the growing preference towards less carbon emission control vehicles that have encouraged manufacturers to achieve minimum fuel efficiency and to develop the products for automobiles which are light in weight.

By Geography

Geographically, the global polyvinyl extrusion market is segmented as North America, South America, Europe, Middle East and Africa, and Asia Pacific. The Asia-Pacific is expected to project a significant growth owing to the rising demand from the growing number of manufacturing industries in the region.

Segmentation

The polyvinyl extrusion market has been segmented by the end-user industry and geography.

By End-User Industry

Construction

Aerospace

Healthcare

Automotive

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

UAE

Others

Asia Pacific

China

Japan

South Korea

India

Others

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*list is not exhaustive

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