

Global Unsaturated Polyester Resin Market Size Study, by Form (Liquid, Solid), by Curing Type (Room Temperature Curing, Heat Curing, UV Curing), by Degree of Unsaturation (High, Medium, Low), by Application (Fiberglass Reinforced Plastics, Transportation, Marine, Building and Construction, Tanks and Pipes, Other Applications), and Regional Forecasts 2022-2032

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Abstracts

The Global Unsaturated Polyester Resin (UPR) Market, valued at approximately USD 14.39 billion in 2023, is projected to grow at a CAGR of 2.80% over the forecast period 2024-2032. The increasing demand for high-strength, lightweight, and corrosion-resistant materials across industries such as construction, automotive, marine, and aerospace is significantly driving market expansion. Unsaturated polyester resins are widely used in fiberglass-reinforced plastics (FRP) due to their exceptional mechanical properties, durability, and cost-effectiveness.

The construction sector remains one of the leading consumers of UPR, utilizing it in panels, pipes, roofing sheets, and composites due to its superior weather resistance and mechanical stability. Similarly, the automotive and transportation industry leverages UPR for lightweight structural components, enhancing vehicle fuel efficiency and durability. Additionally, the marine sector increasingly employs UPR-based composites to develop high-performance boat hulls and corrosion-resistant structures. The adoption of eco-friendly and low-VOC resins is further accelerating market growth, driven by stringent environmental regulations and a shift toward sustainable materials.

Despite its expanding applications, fluctuations in raw material prices and concerns over styrene emissions pose challenges to market growth. However, advancements in bio-based UPR formulations, improved curing technologies, and increased investment in R&D are expected to mitigate these limitations. Moreover, the rise in high-performance composites for wind energy and aerospace applications is unlocking new growth opportunities, further propelling market expansion.

Regionally, Asia-Pacific dominates the global UPR market, fueled by rapid industrialization, urban infrastructure development, and the growing demand for composite materials in China, India, and South Korea. North America and Europe are also experiencing steady growth, driven by regulatory support for sustainable materials, advancements in automotive composites, and increasing FRP adoption in industrial applications. Meanwhile, Latin America and the Middle East & Africa are witnessing gradual market penetration, supported by expanding marine, construction, and industrial sectors.

Major Market Players Included in This Report:

Ashland Global Holdings Inc.

Reichhold LLC

Royal DSM N.V.

Polynt-Reichhold Group

Scott Bader Company Ltd.

Swancor Holding Co., Ltd.

AOC Resins

U-PICA Company Ltd.

INEOS Composites

Aliancys AG

Atul Ltd.

Eternal Materials Co., Ltd.

Satyen Polymers Pvt Ltd.

Deltech Resins Company

Interplastic Corporation

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Form:

Liquid

Solid

By Curing Type:

Room Temperature Curing

Heat Curing

UV Curing

By Degree of Unsaturation:

High

Medium

Low

By Application:

Fiberglass Reinforced Plastics (FRP)

Transportation

Marine

Building and Construction

Tanks and Pipes

Other Applications

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenue insights and regional-level analysis for each market segment.

In-depth geographical analysis with country-specific data.

Competitive landscape evaluation, including strategic developments by key market players.

Industry trend analysis, technological advancements, and future growth opportunities.

Demand-side and supply-side dynamics assessment in the global UPR industry.

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