Vinyl Ester Market Gains Momentum as Demand Rises Across Chemical and Water Treatment Industries

Asia-Pacific emerged as the largest regional market in 2020, accounting for nearly two-fifths of the global revenue

WILMINGTON, DE, UNITED STATES, June 20, 2026 /EINPresswire.com/ -- The global vinyl ester market is projected to reach $2.1 billion by 2030, driven by increasing demand from flue gas desulfurization installations and corrosion-resistant pipes and storage tanks.

According to a report published by Allied Market Research titled, "Vinyl Ester Market by Type (Bisphenol A Diglycidyl Ether (DGEBA), Epoxy Phenol Novolac (EPN), Brominated Fire Retardant, and Others) and Application (Pipes & Tanks, Paints & Coatings, Transportation, Pulp & Paper, and Others): Global Opportunity Analysis and Industry Forecast, 2021–2030," the global vinyl ester market was valued at $1.1 billion in 2020 and is projected to reach $2.1 billion by 2030, registering a CAGR of 6.5% from 2021 to 2030.

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https://www.alliedmarketresearch.com/request-sample/A14193

Market Drivers and Opportunities:

- The market is witnessing steady growth due to the increasing installation of flue gas desulfurization (FGD) systems and rising demand for corrosion-resistant materials used in pipes, storage tanks, and industrial infrastructure. Vinyl ester resins offer exceptional chemical resistance, durability, and mechanical strength, making them a preferred material across industries such as water treatment, chemical processing, transportation, and pulp & paper.

- However, the market faces challenges including a shortage of skilled labor and the absence of standardized practices in certain regions. Despite these restraints, stringent environmental regulations and the growing emphasis on sustainable industrial infrastructure are expected to create significant growth opportunities over the forecast period.

DGEBA Segment Continues to Lead:

- Based on type, the Bisphenol A Diglycidyl Ether (DGEBA) segment accounted for more than half of the global market revenue in 2020 and is expected to maintain its leading position throughout the forecast period. Its superior corrosion resistance, excellent mechanical properties, and high-performance characteristics continue to drive widespread adoption.

- Meanwhile, the brominated fire retardant segment is anticipated to register the fastest CAGR of 7.2% through 2030, supported by growing demand for fire-resistant composite materials across multiple industrial applications.

Pipes & Tanks Remain the Largest Application:

- By application, the pipes and tanks segment dominated the market in 2020, contributing nearly half of the overall revenue. Vinyl ester resins are increasingly used in these applications because they extend equipment lifespan, minimize maintenance requirements, and reduce long-term operating costs.

- The pulp and paper segment is expected to witness the highest CAGR of 7.5% during the forecast period. The industry's reliance on highly corrosive chemicals including acids, alkalis, bleaches, and salts—has accelerated the adoption of epoxy vinyl ester resin-based fiber-reinforced plastic (FRP) pipes and processing equipment capable of withstanding harsh operating environments.

Asia-Pacific Maintains Market Leadership:

Asia-Pacific emerged as the largest regional market in 2020, accounting for nearly two-fifths of the global revenue, followed by Europe and North America. Strong industrial growth and increasing demand from sectors such as water and wastewater treatment, chemicals, pharmaceuticals, food processing, and transportation particularly in China continue to support regional market expansion.

Meanwhile, the LAMEA region is expected to register the fastest growth, with a CAGR of 7.7% through 2030, driven by ongoing industrialization and economic development.

Leading Market Players:-

Key companies operating in the global vinyl ester market include:

- AOC, LLC
- Ashland Global Holdings Inc.
- DIC Corporation
- INEOS
- Interplastic Corporation
- Polynt
- Reichhold LLC

- Showa Denko K.K.
- Sino Polymer Co., Ltd.
- Swancor

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https://www.alliedmarketresearch.com/vinyl-ester-market/purchase-options

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