

Global Plastic Calendering Resins Market Size Study, by Type (PVC, CPE, TPO, EVA), by Application (Flooring, Roofing, Automotive, Wire & Cable), by End Use Industry (Construction, Automotive, Electrical & Electronics, Consumer Goods) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G87D373AB8C1EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G87D373AB8C1EN

Abstracts

The Global Plastic Calendering Resins Market is valued at approximately USD 20.71 billion in 2023 and is poised to grow with a steady CAGR of 2.48% over the forecast period 2024-2032. Calendering resins, characterized by their excellent flexibility, durability, and adaptability, serve as a cornerstone in industries ranging from construction to automotive. Leveraging processes that allow for consistent, high-quality thin sheet production, these resins find significant applications in flooring, roofing, automotive interiors, and wiring and cable insulation. Their capability to cater to diverse requirements with superior performance makes them indispensable in modern manufacturing.

The growing demand for cost-effective, durable materials in the construction industry, particularly for flooring and roofing applications, is a primary driver for the market. Additionally, the automotive sector increasingly embraces calendering resins for interior and functional components due to their lightweight and versatile properties, which contribute to enhanced fuel efficiency and design flexibility. However, environmental concerns surrounding PVC production and the volatility of raw material prices pose challenges to market growth.

Innovative advancements in material engineering, such as the development of eco-friendly alternatives and improved resin formulations, are creating promising

opportunities for the industry. For example, increased adoption of EVA in wire and cable applications highlights its superior properties, such as thermal resistance and flexibility, expanding its utility across various sectors. Furthermore, rising investments in infrastructure development, particularly in emerging economies, are set to amplify the demand for these materials.

Regionally, Asia Pacific dominates the plastic calendering resins market due to rapid urbanization, growing construction activities, and significant automotive manufacturing in countries like China, India, and Japan. North America and Europe continue to contribute substantially, driven by technological innovations and stringent environmental regulations encouraging the use of sustainable materials. Meanwhile, Latin America and the Middle East & Africa offer untapped potential with increasing industrialization and infrastructure projects.

Major market players included in this report are:

BASF SE

Eastman Chemical Company

The Dow Chemical Company

Arkema Group

Solvay SA

ExxonMobil Chemical Company

LyondellBasell Industries

SABIC

Celanese Corporation

Mitsubishi Chemical Corporation

LG Chem Ltd.

RTP Company

Formosa Plastics Corporation

Teknor Apex Company

Covestro AG

The detailed segments and sub-segment of the market are explained below:

By Type:

PVC

CPE

TPO

EVA

By Application:

Flooring

Roofing

Automotive

Wire & Cable

By End Use Industry:

Construction

Automotive

Electrical & Electronics

Consumer Goods

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

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

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

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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