

# Global and European Plastic Calendering Resins Market Outlook 2025–2035

*Plastic Calendering Resins Market to Hit USD 47.5 Billion by 2035 — Growth Accelerates Across APAC, Europe, USA, and Saudi Arabia*

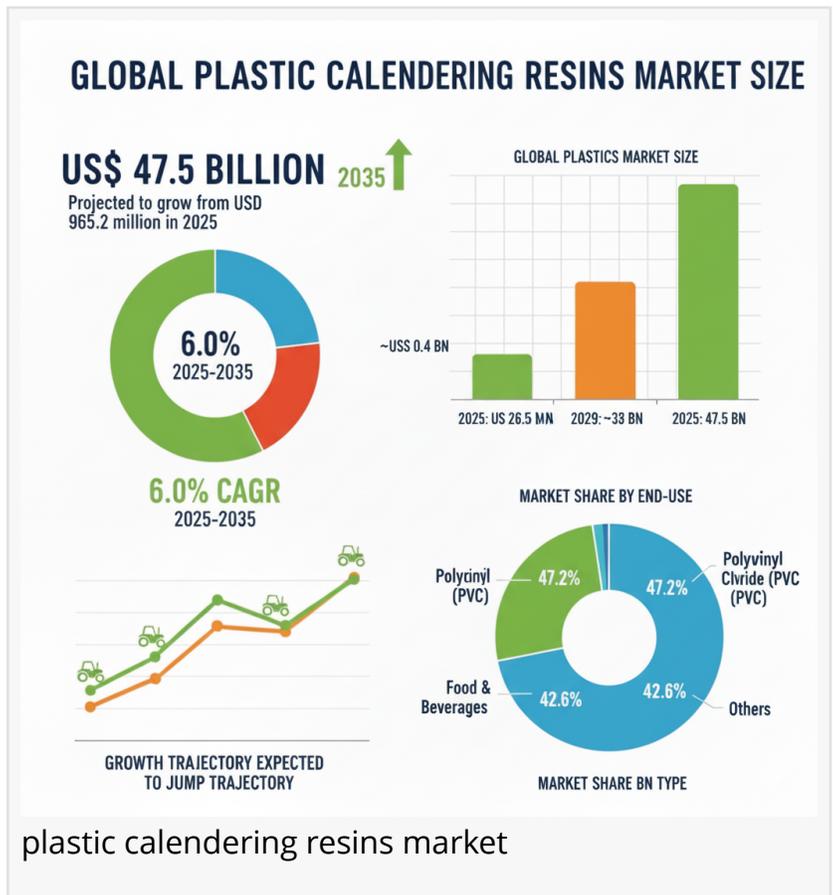
MD, UNITED STATES, November 17, 2025 /EINPresswire.com/ -- The global [plastic calendering resins market](#) is poised for robust expansion through 2035, fueled by surging demand for flexible packaging, sustainable materials, and advanced manufacturing processes. According to Future Market Insights (FMI), the market stands at USD 26.5 billion in 2025 and is forecasted to reach USD 47.5 billion by 2035, achieving a compound annual growth rate (CAGR) of 6.0%.

The FMI report, “Plastic Calendering Resins Market Size, Share, and Forecast 2025–2035,” projects a total value addition of USD 21 billion over the decade, propelled by the need for durable, recyclable films in food safety, healthcare, and construction applications amid global shifts toward eco-friendly alternatives.

## A Decade of Expansion Rooted in Sustainability and Tech Advancements:

The market's evolution from traditional formulations to bio-based and recycled resins is redefining supply chains. From 2025 to 2030, the sector is expected to grow by USD 10.2 billion, driven by heightened adoption in flexible packaging and automotive interiors.

From 2030 to 2035, an additional USD 10.8 billion in growth is anticipated, as IoT-integrated calendering lines and phthalate-free innovations enhance efficiency and compliance in high-volume industries.



“Calendering resins are at the heart of the sustainable packaging revolution,” noted an FMI research analyst. “With advancements in recycling tech and regulatory tailwinds, manufacturers are unlocking new efficiencies that balance performance with environmental responsibility.”

Plastic Calendering Resins Key Market Insights at a Glance:

Metric-Global Estimate

Market Value (2025)-USD 26.5 billion

Forecast Value (2035)-USD 47.5 billion

CAGR-6.0%

Top Resin Type-PVC (47.2% share)

Dominant Application-Food & Beverages (42.6% share)

Fastest-Growing Region-Asia Pacific (highest CAGR)

India: A Rising Powerhouse in Calendering Resins Demand:

FMI’s analysis underscores India’s pivotal role in South Asia’s boom, where population growth and evolving consumer habits are amplifying packaging needs. The regional market, including India, is valued at a significant portion of APAC’s 30%+ global share in 2025, with projections for accelerated uptake through 2035 at over 6.5% CAGR.

This surge stems from India’s expanding food processing sector, e-commerce-driven ready-to-eat trends, and government incentives for recycled plastics. PVC-based films already dominate 55% of local applications, with online B2B platforms like IndiaMART facilitating rapid distribution and adoption.

Plastic Calendering Resins Five Forces Driving Market Momentum:

Sustainability Imperative: Recycled PET and bio-attributed PVC reduce waste, aligning with global circular economy goals.

Packaging Evolution: Flexible, hygienic films extend shelf life for ready-to-eat foods amid online grocery surges.

Technological Upgrades: Enhanced calendaring equipment delivers precise thickness and clarity for premium applications.

Regulatory Compliance: Phthalate-free mandates boost demand for safe, food-contact resins in healthcare and consumer goods.

Raw Material Resilience: Despite volatility, innovations like SK Chemicals' ECOTRIA CR copolyester from plastic waste ensure supply stability.

#### Plastic Calendaring Resins Market Segment Overview:

By Resin Type: PVC leads with 47.2% revenue in 2025, prized for its flexibility and cost-effectiveness in flooring and films; PET follows at a 3.8% CAGR, excelling in recyclable packaging.

By Application: Food & beverages commands 42.6% share, driven by wraps and linings that enhance hygiene and portability; healthcare grows fastest at 4.3% CAGR post-pandemic.

By End-Use: Construction and automotive trail, leveraging resins for durable interiors and weather-resistant components.

By Region: APAC's dominance persists, with Europe and North America emphasizing premium, eco-compliant variants.

#### Plastic Calendaring Resins Market Regional Overview:

North America (USA-led): 5.8% CAGR, bolstered by advanced recycling infrastructure and key players like Westlake Corporation.

Europe: Steady 5.5% growth to USD 10.2 billion by 2035, with Germany and France prioritizing sustainable formulations.

Asia Pacific: Over 30% share in 2025, fastest at 6.8% CAGR, powered by China and India's industrial scaling.

Middle East & Africa (Saudi Arabia focus): Infrastructure projects drive 5.2% CAGR, with SABIC's upcycled resins targeting local petrochemical synergies.

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## Plastic Calendering Resins Market Competitive Landscape:

Formosa Plastics Corporation

Westlake Corporation

Eastman Chemical Company

Occidental Petroleum Corporation

Shin-Etsu Chemical Co., Ltd.

Avery Dennison Corporation

Covestro AG

Reliance Industries Limited

LG Chem

China Petrochemical Corporation

SK Chemicals

LOTTE Chemical Corporation

Indorama Ventures Public Company Limited

SABIC

Orbia

Formosa, Westlake, and Eastman collectively hold about 35% market share, emphasizing joint ventures and recycled innovations to capture sustainability premiums.

## Plastic Calendering Resins Market Outlook: Shaping a Greener Future:

As the decade unfolds, plastic calendering resins will pivot from volume-driven growth to intelligent, zero-waste solutions. AI-optimized formulations and ocean-bound recycling, like SABIC's LNP ELCRIN IQ, will set new benchmarks for durability and ethics

"These resins aren't just materials—they're enablers of a low-carbon world," the FMI analyst concluded. "Companies investing in green tech today will lead tomorrow's resilient supply chains,

turning challenges like raw material swings into opportunities for innovation.”

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