**1. Introduction and Strategic Context**

The **Global Phthalic Anhydride Market** is projected to reach a value of **USD 11.2 billion by 2030**, growing from an estimated **USD 7.8 billion in 2024**, expanding at a CAGR of **6.2% during the forecast period (2024–2030)**, according to **Strategic Market Research**.

Phthalic anhydride is a key industrial chemical, mostly used as an intermediate in the production of **plasticizers**, especially **diisononyl phthalate (DINP)** and **dioctyl phthalate (DOP)**. It's also vital in the synthesis of **alkyd resins** used in paints and coatings, as well as in **unsaturated polyester resins (UPRs)** found in construction and marine applications.

From 2024 to 2030, the market's strategic relevance is expected to pivot on three big forces: the shifting regulations around plasticizer use, the demand rebound in construction and automotive coatings, and the chemical industry’s need to localize raw material production due to rising geopolitical and shipping instability.

In Asia Pacific — particularly in **China, India, and Southeast Asia** — phthalic anhydride demand is surging due to construction-led stimulus, growing domestic polymer industries, and expanding flexible PVC manufacturing. Europe, meanwhile, is tightening restrictions on traditional phthalate-based plasticizers, prompting a shift toward eco-friendlier alternatives — but not a complete exit from phthalic anhydride derivatives.

On the supply side, the phthalic anhydride value chain is consolidating. Producers are optimizing ortho-xylene or naphthalene feedstock routes, depending on local cost advantages. Also, plants are integrating backward into aromatic petrochemicals to hedge against volatility.

Strategically, the product sits at a tricky intersection: demand is still strong across resins and plasticizers, but sustainability mandates are forcing both users and producers to innovate — or shift. *Investors are watching closely, as this market reflects broader trends in industrial chemicals: regionalization, regulatory pressure, and feedstock security.*

**Stakeholders across the chain include**: chemical producers, resin formulators, PVC compounders, paint and coating manufacturers, building material OEMs, and compliance officers in environmental health and safety (EHS) divisions. As environmental scrutiny grows, downstream buyers are more likely to ask where — and how — their phthalic anhydride was made.

In short, phthalic anhydride is moving from being a commodity chemical to a strategically managed input — with higher expectations on traceability, emissions, and performance.

**2. Market Segmentation and Forecast Scope**

The phthalic anhydride market spans several end-use sectors, and segmentation is typically based on **derivative product type**, **end-use application**, **feedstock route**, and **region**. This multifaceted segmentation helps understand how demand shifts with downstream industry cycles and regulatory exposure.

**By Derivative Product Type**

* **Plasticizers**  
  This is the largest demand category, primarily driven by the production of **DOP** and **DINP**, which are used to make flexible PVC. Flexible PVC is critical for wires, cables, flooring, synthetic leather, and films.  
  *Plasticizers accounted for nearly* ***53% of global phthalic anhydride consumption in 2024****, making it the most dominant segment.*
* **Unsaturated Polyester Resins (UPRs)**  
  UPRs are used in reinforced laminates, pipes, tanks, and construction panels. Demand is growing in the **marine**, **construction**, and **automotive** sectors, particularly in emerging markets where infrastructure upgrades are ongoing.
* **Alkyd Resins**  
  Found in decorative and industrial coatings, alkyd resin demand is more stable but subject to regulation due to VOC (volatile organic compound) content. U.S. and European markets are shifting to low-VOC and waterborne alkyds, changing resin formulations but still relying on phthalic anhydride as a base.
* **Others**  
  Includes dyes, pigments, and flame retardants. While niche, these categories are strategically important for specialty chemical makers.

**By End-Use Application**

* **Construction Materials**  
  Drives UPR and alkyd resin demand — particularly in insulation, structural panels, and corrosion-resistant coatings.
* **Automotive Components**  
  Relies on flexible PVC for interiors and UPRs for lightweight composites.
* **Consumer Goods**  
  Used in synthetic leather, footwear, and packaging. Subject to growing scrutiny around phthalate exposure, especially in children’s products.
* **Paints & Coatings**  
  A large segment for alkyd resins. Growth here ties directly to infrastructure and home improvement cycles.

**By Feedstock Type**

* **Ortho-Xylene Route**  
  Still the most common production method globally, especially in Asia. Offers high yield and cost efficiency when xylene prices are stable.
* **Naphthalene Route**  
  More common in regions with coal-based chemical supply chains, like China and Eastern Europe. Less efficient but preferred where naphthalene is cheap and locally abundant.

This feedstock segmentation is crucial because feedstock volatility and environmental impact vary. In recent years, *green phthalic anhydride initiatives* have explored biomass-based alternatives, but these are still niche.

**By Region**

* **Asia Pacific** (largest and fastest-growing)
* **Europe**
* **North America**
* **Latin America**
* **Middle East & Africa**

*Asia Pacific holds over* ***60% market share in 2024****, largely due to dominant production and consumption hubs in China and India.*

**Scope Note:** While this market has traditionally been dominated by plasticizers, the fastest growth from 2024 to 2030 is expected in **unsaturated polyester resins**, especially in construction applications across Asia and Africa. At the same time, *European demand is fragmenting*, with a push toward alternatives and recyclables disrupting conventional phthalate-based value chains.

**3. Market Trends and Innovation Landscape**

The phthalic anhydride market, though mature, is seeing a mix of structural shifts and niche innovations. Much of this activity is being driven not by new product launches, but by shifts in **feedstock strategy**, **environmental compliance**, and **product formulation downstream**.

**Trend 1: Feedstock Realignment Amid Geopolitical and Cost Pressures**

Producers are increasingly diversifying or re-optimizing their feedstock choices — mainly between **ortho-xylene** and **naphthalene**. In Asia, especially China, cost advantages are pushing certain producers to lean heavily on **naphthalene**, particularly where it’s sourced from coal tar. In contrast, North America and Western Europe continue to favor **ortho-xylene** due to petrochemical integration and cleaner emissions profiles.

What’s new here is the added variable of **energy geopolitics**. As oil and gas trade routes grow more volatile, feedstock pricing is harder to hedge. This is prompting some integrated players to explore **in-house aromatics processing** or lock in long-term xylene contracts to stabilize margins.

*One European resin producer noted recently: “We’re re-evaluating every phthalic-related supply deal through the lens of feedstock traceability and carbon footprint.”*

**Trend 2: Regulatory Tightening on Phthalate Plasticizers**

The most disruptive trend isn't about phthalic anhydride itself, but what it enables: **orthophthalate plasticizers** like DOP and DINP. Several regions, including the EU and parts of the U.S., are restricting phthalates in products for children, food packaging, and even flooring.

That’s forcing compounders to reformulate — either by shifting toward **non-phthalate plasticizers** (like DOTP or DINCH), or by proving compliance through **certified low-migration grades**. While this poses a threat to traditional DOP demand, some phthalic anhydride suppliers are adapting by moving further downstream or partnering with alternative plasticizer developers.

To be honest, this isn’t killing demand — it’s refining it. Markets like India and Southeast Asia continue to see strong growth in DOP usage, but exporters are adjusting specs for regulated markets.

**Trend 3: Push Toward Low-VOC Alkyds and Waterborne Resins**

Environmental pressure on alkyd resins — another major use case — is shifting R&D toward **low-VOC** and **waterborne alkyd systems**. Phthalic anhydride still plays a role here, but downstream formulators are modifying resin chemistries to meet sustainability goals.

This means **demand is staying intact**, but shifting toward **high-purity, specialty grades** that can integrate with newer formulations. In some cases, producers are also exploring **copolymer routes** that use less phthalic anhydride per unit.

**Trend 4: Downstream Vertical Integration and Captive Consumption**

Several resin and plasticizer manufacturers, especially in Asia, are moving toward **captive consumption** of phthalic anhydride. By integrating upstream, they gain more control over cost and supply security — especially valuable during periods of feedstock or logistics volatility.

This vertical trend is accelerating in regions like India and China, where government incentives support **brownfield expansions** in petrochemicals. For independent sellers, this may shrink the tradable market, but it could also unlock **contract-based stability** if they position as trusted third-party suppliers.

**Trend 5: Innovation in Sustainable Substitutes (Still Nascent)**

A few R&D labs and specialty chemical players are investigating **bio-based phthalic anhydride** — derived from renewable aromatics. The goal? Reduce lifecycle emissions and create “green” variants of traditional plasticizers and resins.

That said, these innovations are in early stages. Scaling bio-based phthalic derivatives remains capital-intensive, and their adoption is limited to niche, premium applications.

*Bottom line: The innovation landscape here isn’t flashy — it’s tactical. It’s about regulatory agility, formulation tweaks, and smarter supply integration. But those shifts may end up defining the next decade of competitiveness in this category.*

**4. Competitive Intelligence and Benchmarking**

The phthalic anhydride market is led by a handful of global producers with tightly integrated operations, long-term downstream contracts, and strong regional footprints. But make no mistake — it’s a game of **margins**, **feedstock control**, and **regulatory positioning**, not branding.

Here’s how the major players are competing and where they’re headed.

**BASF SE**

BASF remains a cornerstone in Europe’s phthalic anhydride production. Their edge? **Deep backward integration** with aromatic feedstocks and a strong footprint in downstream **plasticizers** and **alkyd resins**. BASF leverages these verticals to maintain contract stability, particularly in high-purity grades used in specialty coatings.

That said, BASF has begun shifting investment toward **non-phthalate plasticizers** and **sustainable solvent platforms**. They’re also aligned with REACH regulations, giving them an edge in the EU market.

**Aekyung Petrochemical**

Based in South Korea, Aekyung is a major regional supplier with **export reach across Southeast Asia and the Middle East**. Its competitive strength lies in operational scale and a diversified customer base — especially in **flexible PVC** and **resin** markets.

In recent years, Aekyung has modernized its production assets to reduce emissions and energy consumption, a key differentiator for partners seeking lower Scope 3 footprints. They’ve also expanded supply contracts with Indian PVC compounders.

**Polynt-Reichhold Group**

Polynt is one of the biggest global players in **unsaturated polyester resins**, and it runs a fully backward-integrated model for phthalic anhydride. Operating across the U.S., Europe, and Asia, the company uses its captive supply to insulate itself from commodity swings.

Their U.S. Gulf Coast operations are tightly integrated, and the company has recently retooled parts of its asset base to improve energy efficiency. What makes Polynt different? Their **direct pull-through demand** from composite materials and automotive resins gives them pricing flexibility that pure commodity players lack.

**IG Petrochemicals Ltd. (IGPL)**

India-based IGPL is one of the top phthalic anhydride producers globally by volume. Their advantage lies in **scale and regional access** — supplying to some of the largest PVC and paint manufacturers in South Asia. IGPL has also invested in **waste heat recovery systems** and **sustainability-linked financing**, which is starting to appeal to global buyers focused on ESG metrics.

They’ve recently expanded their capacity and hinted at possible diversification into downstream plasticizer or resin production — a sign they may be eyeing higher-margin verticals.

**ExxonMobil Chemical**

While not always top of mind for phthalic anhydride, ExxonMobil’s **aromatics integration** gives them leverage in key markets, especially in North America. Their ortho-xylene output can be directed toward phthalic anhydride or diverted to more lucrative uses depending on price trends, giving them more **agility than pure-play producers**.

ExxonMobil is also closely tied to PVC and coating resins customers through long-term petrochemical partnerships.

**Competitive Landscape Snapshot**

|  |  |  |  |
| --- | --- | --- | --- |
| Player | Strategy Focus | Strength Region | Integration Level |
| BASF | EU compliance + resin synergy | Europe | High |
| Aekyung | Export + modernized facilities | Asia-Pacific, MENA | Medium |
| Polynt-Reichhold | Resin pull-through + UPRs | U.S., EU | Very High |
| IG Petrochemicals | Volume + India demand | South Asia | Medium-High |
| ExxonMobil | Feedstock agility | North America | High |

*In this market, the winners aren’t just the biggest — they’re the most adaptable. Integration helps, but so does regulatory foresight and customer proximity. As sustainability pressures grow, players with cleaner footprints and more diversified demand are starting to set the pace.*

**5. Regional Landscape and Adoption Outlook**

The regional outlook for the **phthalic anhydride market** is uneven, shaped by a mix of feedstock economics, downstream industry strength, and regulatory pressure. While Asia dominates by volume, Europe and North America are increasingly influencing the market’s future through stricter compliance and sustainable product innovation.

**Asia Pacific — Volume Leader, Growth Powerhouse**

**Asia Pacific accounts for over 60% of global demand and production** as of 2024. China, India, South Korea, and Indonesia are the major players, driven by strong construction activity, expanding automotive manufacturing, and flexible PVC consumption across wire & cable, packaging, and flooring sectors.

China remains the largest single market, with dozens of integrated producers using either **ortho-xylene** or **naphthalene** routes depending on regional feedstock availability. India’s demand is growing sharply due to increasing investments in infrastructure, urban housing, and transportation — all of which drive alkyd and UPR resin usage.

South Korea and Japan, while smaller, contribute high-purity phthalic anhydride for export. Local companies also supply specialty resin manufacturers across Southeast Asia.

That said, regulatory enforcement in China is tightening. Some aging naphthalene-based plants are being phased out or upgraded, and *feedstock import dependency is pushing buyers to secure more domestic sources*.

**Europe — Regulatory Pressure and Gradual Transition**

Europe is where the **future of phthalic anhydride is being redefined**. While demand from paints, coatings, and PVC remains steady, environmental directives such as REACH and RoHS have forced producers and buyers to shift toward **non-phthalate plasticizers** and **low-VOC resins**.

Germany, France, and Italy are the top consumers, particularly in construction chemicals and coil coatings. Eastern Europe, especially Poland and Romania, is emerging as a **cost-efficient production base** with newer plants and more flexible feedstock sourcing.

Even so, Western Europe’s demand curve is flat at best — and likely to shrink in some sectors as green alternatives take hold. Producers here are banking on **value-added derivatives** and compliance-certified formulations to stay competitive.

**North America — Feedstock Advantage, Controlled Demand**

In North America, the phthalic anhydride market is **relatively stable**, supported by robust infrastructure and integrated petrochemical supply chains. The U.S. Gulf Coast is the hub for production, with ortho-xylene feedstock widely available thanks to large aromatics capacities.

Demand stems from **coating resins**, **automotive interiors**, and **composite applications** — mostly through long-term industrial and construction contracts. Canada imports small volumes but sees steady usage in paints and fiberglass products.

One trend worth noting: *North American customers are starting to demand environmental scorecards from their phthalic suppliers.* This includes life cycle emissions and supply chain traceability, a pressure that could reshape procurement strategies in the next few years.

**Latin America — Growth in Infrastructure, But Import-Dependent**

Countries like Brazil, Mexico, and Argentina are investing in construction and industrial resins, spurring demand for UPR and alkyd systems. However, **local phthalic anhydride capacity is limited**, forcing many resin producers to import from the U.S. or Asia.

Brazil stands out with its growing marine composites market, while Mexico is aligned with U.S. suppliers for PVC-grade plasticizer inputs.

That said, inconsistent regulation and fragmented distribution remain challenges. Adoption is mostly cost-driven here, not compliance-driven.

**Middle East & Africa — Niche Growth with Investment Gaps**

This region is the smallest by market share but not stagnant. The UAE, Saudi Arabia, and Egypt are seeing *modest growth in flexible PVC and marine resins*, thanks to construction booms and industrial diversification efforts.

Still, most phthalic anhydride is imported. While Saudi Arabia has the feedstock potential to produce phthalic anhydride regionally, few investments have materialized due to **capital intensity and downstream fragmentation**.

In Africa, adoption remains low, with demand confined to industrial hubs like Nigeria, South Africa, and Kenya — where paints and coatings are the main pull factors.

**Key Regional Summary**

* **Asia Pacific**: Fastest-growing, highly integrated, but facing environmental cleanup pressure.
* **Europe**: Regulatory shift from volume to value — low-VOC and compliant formulations gain ground.
* **North America**: Stable, feedstock-secure, increasingly ESG-aware.
* **Latin America**: Growing demand, limited production — opportunity for exporters.
* **Middle East & Africa**: Slow but steady growth, infrastructure-heavy, investment potential untapped.

**6. End-User Dynamics and Use Case**

Phthalic anhydride isn’t sold directly to consumers — but it sits at the heart of many materials that define how industries function. From flooring to wire sheathing to protective coatings, it’s the **silent enabler** behind flexible, durable, and corrosion-resistant products. That means understanding end-user dynamics here is less about brand loyalty and more about **formulation needs, regulatory pressure, and supply chain control**.

Let’s break it down by core end-user segments.

**1. Plasticizer Manufacturers**

This is the most direct and highest-volume end-user group. They use phthalic anhydride to produce **orthophthalates** like DOP and DINP, which are in turn blended into **PVC compounds** for flexibility and processability.

These manufacturers often operate under **cost-sensitivity constraints**, especially in emerging markets where flexible PVC is used in packaging, automotive trims, cables, and construction panels.

However, there's a growing divide:

* *Export-focused plasticizer makers* (e.g., in South Korea or India) are shifting toward **non-phthalate alternatives** to comply with European and U.S. regulations.
* *Domestic-focused producers*, especially in Southeast Asia and Latin America, still prioritize volume and cost-efficiency over innovation.

**2. Resin Producers (Alkyd and UPR Resins)**

These end users are more technical. Phthalic anhydride is a **core monomer in both alkyd and unsaturated polyester resins**. The choice of resin type depends on the application:

* **Alkyd resins** are widely used in decorative and industrial coatings.
* **UPRs** go into composites, pipes, and marine laminates.

Resin formulators demand **tight molecular weight control and high purity** from phthalic anhydride to maintain resin performance. In regions like North America and Western Europe, *low-VOC and waterborne alkyds* are being prioritized — often needing phthalic anhydride of a specific grade.

These buyers tend to **favor stability and technical support** over price, especially for coatings exposed to weather or chemical loads.

**3. PVC Compounders and Fabricators**

These end users don’t buy phthalic anhydride directly — they buy plasticizers. But they influence what plasticizer gets used, which loops back to phthalic demand.

If compounders are targeting export markets or child-facing products (like toys or medical tubing), they’ll lean away from orthophthalates. Otherwise, they still rely on traditional phthalic-based plasticizers for **performance and cost**.

This is especially true in **infrastructure and construction materials**, where fire resistance, durability, and flexibility outweigh regulatory constraints.

**4. Paint and Coatings Manufacturers**

This segment — mostly downstream from resin producers — plays a key indirect role. Many paint companies are **revising formulations** in response to VOC rules and consumer safety concerns. Even though phthalic anhydride use is one step removed, their preferences ripple upstream.

As one product manager at a coatings major shared:  
*“If the resin supplier doesn’t have a clean formulation we can certify, we just switch vendors. Compliance is our license to operate.”*

That means phthalic anhydride suppliers can’t afford to ignore shifts in consumer-facing regulation, even if their immediate buyer is a B2B chemical company.

**Use Case Highlight**

*A mid-sized composites manufacturer in Vietnam saw a surge in demand for fiberglass-reinforced panels used in low-cost housing projects across Southeast Asia. They needed a reliable supply of unsaturated polyester resins — the base of which is phthalic anhydride.*

*Facing shipping delays from Chinese resin suppliers, the manufacturer shifted to a local resin maker using imported phthalic anhydride from South Korea. To meet performance specs for humidity resistance and mechanical strength, the resin required high-purity phthalic anhydride with tight reactivity tolerances. The switch reduced lead times by 40%, cut production scrap rates, and helped the company win contracts with regional housing agencies.*

This isn’t just about chemical performance. It’s about how **proximity, purity, and flexibility** drive material decisions under real-world constraints.

**7. Recent Developments + Opportunities & Restraints**

**Recent Developments (Last 2 Years)**

The phthalic anhydride market doesn’t typically make headlines — but behind the scenes, it’s evolving through **modernization projects, product reformulations, and regional production shifts**. Here’s what’s been changing since 2023:

* **IG Petrochemicals** completed a brownfield capacity expansion in India in early 2024, increasing its phthalic anhydride output by **53,000 metric tons/year**. The project includes a waste heat recovery system aimed at reducing CO₂ emissions per ton of output.
* **Polynt-Reichhold** announced an upgrade to its U.S. operations in 2023, targeting energy optimization and emissions reductions in its phthalic anhydride units in the Gulf Coast. The company is aligning its production chain with low-VOC resin demand in the construction sector.
* **BASF** reported in 2024 that it’s re-evaluating its phthalic-related product lines in Europe, prioritizing alternatives that align with upcoming EU chemical safety legislation. The company has increased its R&D allocation to **non-phthalate plasticizer platforms**, though phthalic anhydride production continues for legacy applications.
* **China’s Ministry of Ecology and Environment** introduced a 2023 regulation mandating stricter emission controls on naphthalene-based chemical plants, leading to temporary shutdowns of older phthalic anhydride units in Shandong and Hebei provinces.
* **Aekyung Petrochemical** expanded its long-term contract portfolio in Southeast Asia, including new supply agreements with PVC compounders in Vietnam and Malaysia, indicating growing regional trade alignment in flexible PVC production.

**Opportunities**

**1. Growth in Infrastructure and Marine Composites**  
Unsaturated polyester resins, a major downstream user, are in high demand for fiberglass composites used in **water treatment, construction panels, and marine equipment**. This creates steady pull-through for phthalic anhydride, especially in Asia and Latin America.

**2. Modernization of Chemical Plants in Emerging Markets**  
As environmental standards tighten in India, China, and Southeast Asia, many producers are **retrofitting phthalic anhydride facilities** with more efficient reactors and emissions control. This opens up equipment upgrades and service contracts for EPC firms — and ensures long-term demand stability.

**3. Technical Reformulation in Low-VOC and High-Purity Grades**  
There’s growing niche demand for **certified, low-impurity phthalic anhydride** in coatings and resins used in high-performance applications — such as automotive composites, architectural coatings, and electronics. Suppliers who can meet tight specs may capture price premiums.

**Restraints**

**1. Regulatory Pressure on Phthalates**  
Restrictions on traditional plasticizers (DOP, DBP, DINP) in the EU, U.S., and parts of East Asia have caused downstream users to shift toward **non-phthalate alternatives**. While phthalic anhydride has other uses, this remains a volume threat in regulated sectors like toys, food contact, and medical tubing.

**2. Feedstock Volatility and Supply Chain Risk**  
Phthalic anhydride production depends on **ortho-xylene or naphthalene**, both of which are tied to broader petrochemical and coal cycles. Geopolitical disruptions, refinery outages, or policy shifts (e.g., China's coal reduction targets) can **constrict margins or interrupt supply**.

*Bottom line: This market isn't collapsing — it's being reconfigured. Companies that proactively upgrade assets, diversify derivatives, or support downstream sustainability goals will continue to thrive, even as some traditional plasticizer routes face regulatory headwinds.*

## **7.1. Report Coverage Table**

|  |  |
| --- | --- |
| Report Attribute | Details |
| Forecast Period | 2024 – 2030 |
| Market Size Value in 2024 | **USD 7.8 Billion** |
| Revenue Forecast in 2030 | **USD 11.2 Billion** |
| Overall Growth Rate | **CAGR of 6.2% (2024 – 2030)** |
| Base Year for Estimation | 2023 |
| Historical Data | 2017 – 2021 |
| Unit | USD Million, CAGR (2024 – 2030) |
| Segmentation | By Derivative Product, By End-Use Application, By Feedstock Type, By Geography |
| By Derivative Product | Plasticizers, Unsaturated Polyester Resins (UPRs), Alkyd Resins, Others |
| By End-Use Application | Construction Materials, Automotive Components, Consumer Goods, Paints & Coatings |
| By Feedstock Type | Ortho-Xylene, Naphthalene |
| By Region | North America, Europe, Asia-Pacific, Latin America, Middle East & Africa |
| Country Scope | U.S., China, India, Germany, Brazil, South Korea, Japan, UAE |
| Market Drivers | - Strong demand from UPR and construction chemicals  - Growth in flexible PVC usage across Asia  - Modernization of feedstock infrastructure and integrated supply chains |
| Customization Option | Available upon request |

**8. Report Summary, FAQs, and SEO Schema**

**A.1. Report Title (Long-Form)**

**Phthalic Anhydride Market By Derivative Product (Plasticizers, Unsaturated Polyester Resins, Alkyd Resins, Others); By End-Use Application (Construction Materials, Automotive Components, Consumer Goods, Paints & Coatings); By Feedstock Type (Ortho-Xylene, Naphthalene); By Geography, Segment Revenue Estimation, Forecast, 2024–2030**

**A.2. Lowercase Market Name**

**phthalic anhydride market**

**A.3. SEO-Friendly Market Size Tagline**

**Phthalic Anhydride Market Size ($11.2 Billion) by 2030**

**A.4. SEO-Friendly Market Size Tagline Breadcrumb**

**Phthalic Anhydride Market Report 2030**

**B. Top 5 FAQs**

**Q1. How big is the phthalic anhydride market in 2024?**  
**A1.** The global phthalic anhydride market is valued at **USD 7.8 billion** in 2024.

**Q2. What is the expected CAGR for the phthalic anhydride market between 2024 and 2030?**  
**A2.** The market is forecast to grow at a **6.2% CAGR** over the forecast period.

**Q3. Who are the leading players in the phthalic anhydride market?**  
**A3.** Major players include **BASF SE**, **IG Petrochemicals**, **Aekyung Petrochemical**, **Polynt-Reichhold**, and **ExxonMobil Chemical**.

**Q4. Which region dominates the phthalic anhydride market in 2024?**  
**A4. Asia Pacific** holds the largest market share due to rapid industrialization and flexible PVC demand.

**Q5. What factors are driving growth in the phthalic anhydride market?**  
**A5.** Growth is driven by **resin demand from construction**, **UPR usage in composites**, and **PVC demand across Asia and Latin America**.

**C. JSON-LD SEO Schema**

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* Analysis by Derivative Product
  + Plasticizers
  + Unsaturated Polyester Resins (UPRs)
  + Alkyd Resins
  + Others
* Analysis by End-Use Application
  + Construction Materials
  + Automotive Components
  + Consumer Goods
  + Paints & Coatings
* Analysis by Feedstock Type
  + Ortho-Xylene
  + Naphthalene

**Regional Market Analysis**

**Asia Pacific**

* Regional Market Size and Forecasts
* Key Countries: China, India, South Korea, Japan, Indonesia

**North America**

* U.S. and Canada Trends
* Feedstock Integration and Compliance Positioning

**Europe**

* Market Breakdown by Western and Eastern Europe
* Environmental and Product Reformulation Trends

**Latin America**

* Demand Pull from Construction and PVC
* Country Focus: Brazil, Mexico

**Middle East & Africa**

* Regional Demand Pockets and Investment Gaps
* Country Focus: UAE, Egypt, Nigeria, South Africa

**Key Players and Competitive Analysis**

* BASF SE
* IG Petrochemicals Ltd.
* Aekyung Petrochemical
* Polynt-Reichhold Group
* ExxonMobil Chemical
* Additional Mention: Koppers, Mitsubishi Gas Chemical (if relevant)
* Strategic Positioning and Differentiators
* Regional Production Maps and Asset Footprints

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