

Polyphosphoric Acid (PPA)

High-Performance Acid Catalyst & Chemical Intermediate

Polyphosphoric acid (PPA) is a viscous, high-strength phosphoric acid derivative widely used as an acid catalyst, dehydrating agent, and chemical intermediate in industrial and specialty chemical applications. Known for its strong acidity, reactivity, and process efficiency, PPA supports performance-driven manufacturing across multiple industries.

SMC Global is a trusted supplier of high-quality polyphosphoric acid, supported by reliable logistics and technical expertise.

Why Choose Polyphosphoric Acid (PPA)?

- Strong acidity and high reactivity
- Effective dehydrating and condensing agent
- Supports process efficiency and yield improvement
- Reliable performance in industrial applications

Key Uses

Chemical Manufacturing & Intermediates

Used as an acid catalyst and chemical intermediate in the production of specialty chemicals, resins, and performance materials.

Polymer & Resin Processing

Supports polymer modification, condensation reactions, and resin synthesis where controlled acidity and dehydration are required.

Cement & Construction Materials

Used in cement and construction-related applications to support formulation performance, process control, and material modification in specialized systems.

Petrochemical & Industrial Processing

Applied in industrial processing environments where strong acids are required to drive reactions and improve operational efficiency.

Specialty Industrial Applications

Used in a range of industrial formulations requiring a high-strength acid with consistent performance characteristics.