

Calcium acetylacetonate hydrate is most commonly used as thermal stabilizer in polyvinyl chloride (PVC)

$$\begin{bmatrix} O & O^{-} \\ H_{3}C & CH_{3} \end{bmatrix}_{2} Ca^{2+} \cdot xH_{2}C$$

formulation, also as thermal stabilizer of other halogenated polymer. It has significant synergistic effect with Stearoylbenzoylmethan, Dibenzoylmethane (β -diketones). It is also used as catalyst, resin cross-linking agent, resin hardening accelerator, rubber additives, super conductive film additive, hotline reflective glass film additive, transparent conductive film forming additive, etc. It is a nontoxic plastic stabilizer, better C/P Ratio than organic tin stabilizer series. Complies with RoSH environmental protection requirements, CAA is an environmental friendly alternative of lead additives.

Specifications:

Item	Specification
Appearance	White powder
Effective content	≥98.0%
Calcium	16.6~17.5%
Loss on drying (120°C)	≤2.0%
Heavy metals	≤20ppm
Bulk density	≥0.2g/cm ³
Particle size	≥99.5% pass 325# mesh
Whiteness	≥88

Safety: Non-Dangerous Chemicals. Target Organ Effect, Harmful by Ingestion, Irritant, Teratogen. Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Package & Storage: 20Kg Bags. Store in cool & dry place, avoid moisture and sunshine.

Shelf life: 12 months