

## Lencolo 5034 (PBZ) Photoinitiator

CAS#: 2128-93-0

### Description

**Lencolo 5034** is a high-efficiency, low-odor free radical (II) type solid photoinitiator. It is a product with relatively high initiation efficiency among structurally modified benzophenone-based low-odor initiators. It is used in low-odor UV curing field.

### Technical data

Molecular formula	C19H14O
Molecule weight(g/mol)	258.3
Ingredients	4-Phenylbenzophenone
Appearance	Light yellow crystals
Melting point(°C)	99-101
Purity (%)	≥99
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	289

### Applications

Suitable for low-odor light-curing systems, such as odorless and non-toxic packaging for paper and food packaging, low-odor wood varnishes, low-odor plastics, and 3C fields.

### Usage

Solubility (20°C, g/100g)

Solvent or monomer: Acetone Toluene Ethyl Ester HDDA TMPTA TPGDA

Solubility : ≥50 ≥50 ≥50 ≥50 40 43

Addition amount: 2~4% for film thickness 5~20mm, 2~6% for film thickness 2~200mm

It is recommended that users conduct experiments to determine the optimal addition amount before use.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 20KG/bag

**Tips: Lencolo 5034 Low odor, high efficiency, suitable for low odor UV curing system.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.