

**Lencolo 5039 Photoinitiator CBP**

CAS#: 134-85-0

**Description**

**Lencolo 5039** is a free radical (II) type solid photoinitiator with low residual odor. The initiation efficiency is generally low when used alone, and it is often used in combination with other low-odor initiators, such as TPO initiator. It can effectively improve the curing efficiency and can be used in the field of odorless and non-toxic packaging for paper and food packaging.

**Technical data**

Molecular formula	C <sub>13</sub> H <sub>9</sub> ClO
Molecule weight(g/mol)	216.66
Ingredients	4-Chlorobenzophenone
Appearance	White flaky solid
Melting point(°C)	93-96
Purity (%)	≥99
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	204、258

**Applications**

It is suitable for low-odor light-curing systems, and can be used in the field of odorless and non-toxic packaging for paper and food packaging.

**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: Film thickness 5-20mm 2-4%, Film thickness 2-200mm 2-6%

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 5039 low odor, suitable for use in low odor curing systems.

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.