

Lencolo 5005 Surface-drying Photoinitiator BP

CAS#119-61-9

Description

Lencolo 5005 It is a commonly used photoinitiator, which can be used in the following polymerization reactions, unsaturated prepolymers, such as: acrylate, with multifunctional vinyl monomers.

Technical data

Molecular formula	C13H10O
-------------------	---------

Molecule weight(g/mol)	182.2
------------------------	-------

Ingredient	Benzophenone
------------	--------------

Appearance	White flaky solid
------------	-------------------

Melting point(°C)	47-49
-------------------	-------

Purity (%)	≥99.5
------------	-------

Volatile content(%)	≤0.5
---------------------	------

Ash content(%)	≤0.1
----------------	------

Absorption peak(nm)	240-350
---------------------	---------

Applications

It is suitable for light-curing varnish systems, such as wood varnishes, paper varnishes, UV printing inks, and can also be added together with other initiators.

Usage

Solubility (20 C, g/100g)

Solvent or monomer: Acetone Toluene Methanol HDDA TMPTA TPGDA

Solubility : ≥50 ≥50 30 40 30 37

Addition: 2 - 5%.

Users are advised to determine the optimum dosage by experiment 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 5005 is one of the most commonly used photoinitiators, suitable for low-end products.

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.