

## Lencolo 5025 Photoinitiator ITX

CAS#: 5495-84-1

### Description

**Lencolo 5025** is a high-efficiency type II photoinitiator, which is suitable for photocuring materials composed of unsaturated polyester, etc. Its advantage is that it has good compatibility with organic solvents, and it is used for the corresponding resins together with tertiary amines. It is used for UV polymerization and curing. It is generally used in screen printing inks, varnishes, lithographic printing inks, flexo printing inks, electronic products, and wood coatings. Its absorption peak is at 258-382 nanometers. It can also be used as a photosensitizer to enhance the curing performance of UV 907.

### Technical data

Molecular formula	C16H14OS
Molecule weight(g/mol)	253
Ingredients	2-Isopropylthioxanthone
Appearance	Light yellow powder
Melting point(°C)	70-76
Purity (%)	≥99
Volatile content(%)	≤0.2
Ash content(%)	≤0.1
Absorption peak(nm)	258、382

### Applications

Used in screen printing inks, varnishes, lithographic inks, flexo inks, electronics, wood coatings

### Usage

Addition amount: 0.2 ~ 2%

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 5025 and 907 are used for ink and electronic adhesive.**

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.