

**Lencolo 5027 Photoinitiator 907**

CAS#: 71868-10-5

**Description**

**Lencolo 5027** high-efficiency photoinitiator is used in UV curing system, which can make it non-yellowing and prolong storage for a long time. It is an initiator specially for colored curing systems of UV-curable coatings, inks and adhesives containing pigments. It can be used in conjunction with 184, ITX and other initiators. It can be used in pigmented ink systems, paper, metal and plastic varnishes and electronic inks.

**Technical data**

Molecular formula	C15H21NO2S
Molecule weight(g/mol)	279.4
Ingredients	2-Methyl-1-(4-methylthio)phenyl-2-morpholinopropyl-1-one
Appearance	White crystal powder
Melting point(°C)	72-76
Purity (%)	≥98
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	231、307

**Applications**

UV curable varnishes and inks for paper varnishes, metal and plastic surfaces. The uniquely high absorption properties of this photoinitiator make it ideal for use in UV-curable inks and pigmented coatings.

**Usage**

Addition amount: 2 ~ 6%

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 5027 is especially suitable for colored curing systems, especially blue and green. Appropriate addition can cure more thoroughly.

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.