

Lencolo 5031D Low Odor Synergistic Photoinitiator

Description

Lencolo 5031D is a photoinitiator accelerator for special UV systems. It has a good promotion effect on the reactions of various UV resins and has strong absorption of specific wavelengths (365nm-395nm). It can be used in various UV coatings and UV adhesives cured by LED lamps, and can also be used in UV systems cured by mercury lamps to improve the surface dryness and cross-linking density of the system.

Technical data

Appearance	Transparent liquid
Purity (%)	≥99.5
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	365-395

Performance

Increase the UV curing rate, which has a good promotion effect on various UV, making UV curing more thorough, higher conversion rate, and better bottom curing effect
It is a photoinitiator that is very suitable for various LED UV systems to make the coating dry more thoroughly.

Applications

Suitable for various mercury lamp UV systems, also suitable for LED UV, LED UV ink, LED UV adhesive system, UV nail polish.

Usage

It is not recommended to be used alone, but can be used in combination with other photoinitiators to adjust the balance between surface curing and deep curing of the product.
Addition amount: 0.5~3%
Users are advised to conduct experiments to determine the optimal dosage before use.
Note: Store away from light, there is a risk of gelling when exposed to light.

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. 25KG/barrel

Tips: Lencolo 5031D has a good curing promotion effect on all kinds of UV, which makes UV curing more thorough, higher conversion rate, better bottom and surface curing effect, and improves wear resistance and scratch resistance.

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.