

Lencolo 5024 Yellowing-resistant Photoinitiator

Description

Lencolo 5024 is a photoinitiator of yellowing-resistant UV system, which has strong absorption at a specific wavelength (250 nm-340 nm). It can improve the compactness of paint film, increase the adhesion to primer, and obviously improve the water resistance, acid and alkali resistance, good yellowing resistance and aging resistance. Special UV varnish system, UV white system, UV adhesive.

Technical data

Ingredient	Acetophenone acid modified product
Appearance	Pale yellow liquid
Purity (%)	≥99.5
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	250-340

Performance

Photoinitiator ideally suited for various UV systems
Significantly improve the yellowing and aging resistance of various UV resins
Reduce the yellowing of UV paint just after passing through the UV machine, allowing the primer color to be better displayed and better aligned.
It has fast light curing speed and improves the stain resistance of the system.
Good surface curing and deep curing

Applications

This product is mostly used in white UV ink, transparent UV varnish, yellowing-resistant UV varnish, weather-resistant UV varnish, and UV adhesive systems.

Usage

Used alone or in combination with other photoinitiators, the balance between surface curing and deep curing of the product can be adjusted.
Adding amount: 0.5~5%
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. 25KG/barrel

Tips: Lencolo 5024 can be used in UV polymerization, and can improve the yellowing resistance and aging resistance of various UV coatings and inks.

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.