

Lencolo 5030 Special Photoinitiator for LED Curing

Description

Lencolo 5030 is a photoinitiator specifically designed for LED UV systems, exhibiting strong absorption in the 365–395 nm wavelength range. It is suitable for a variety of UV coatings and UV adhesives cured with LED lamps.

Technical Data

Appearance	Light yellow liquid
Purity (%)	≥ 99.5
Volatile Content(%)	≤ 0.5
Ash Content(%)	≤ 0.1
Absorption Peak(nm)	365 - 395

Product Features

The photoinitiator is very suitable for various LED UV systems
Provides fast curing rate
Ensures thorough curing with improved depth-of-cure performance

Applications

This product is mostly used in LED -UV inks, and LED-UV adhesive system.

Recommended Usage

It can be used alone or in combination with other photoinitiators, combination allows adjustment of the balance between surface and depth curing
Recommended addition level: 0.5~1.5%
Users are advised to determine the optimal addition level through preliminary testing

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 25 kg per drum

Tips: Lencolo 5030 provides excellent depth-of-cure performance, especially in black UV inks and thick-film UV adhesives, ensuring more complete curing. Store protected from light; exposure to light may cause gelling

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.