

Lencolo 5032 Thin Coating Photoinitiator

Description

Lencolo 5032 is a photoinitiator for special thin coating UV system, which has strong absorption for specific wave (265nm-395nm). Applied to various UV coatings and UV adhesives for UV curing.

Technical Data

Appearance	Light yellow powder
Purity (%)	≥ 99.5
Volatile Content(%)	≤ 0.5
Ash Content(%)	≤ 0.1
Absorption Peak(nm)	265-395

Product Features

Highly suitable as a photoinitiator for a wide range of UV systems

Fast light curing rate

Significantly improved oxygen inhibition, very suitable for curing of thin UV coatings and enhancing abrasion resistance of the cured system

Applications

This product is mostly used in various UV hardening liquids, thin-film UV coatings, UV inks, and LED UV adhesive systems

Recommended Usage

Not recommended for use alone; can be used in combination with other photoinitiators to adjust the balance between surface and depth curing

Recommended addition level: 1~3%

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: 20 kg per bag

Tips: Lencolo 5032 is highly suitable for thin coating UV (3-8um), ensuring more complete curing and improved abrasion 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.