Lencolo 5026 Photoinitiator BDK
CAS#：24650-42-8

Description

Lencolo 5026 is a new type of UV photosensitizer with excellent performance. It can generate highly active methyl radicals under ultraviolet light irradiation at a dosage of 2% to 5%. Compared with other benzoin ether photosensitizers, it has photoinitiated High efficiency, stable dark storage and other advantages. Widely used in the polymerization of acrylate, methacrylate, acrylonitrile, acrylamide, styrene, maleic acid, fumaric acid and other unsaturated monomers and their mixtures, as well as unsaturated monomers and polyvinyl alcohol, polyvinyl alcohol Polymerization and crosslinking of cool oligomers.

Technical data

Molecular formula	C16H16O3
Molecule weight(g/mol)	256.3
Ingredients	Benzoin Dimethyl Ether
Appearance	white or light yellow powder
Melting point(ºC)	63-65
Purity (%)	≥99
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	252、325

Applications

Floor coatings, plastic coatings, optical fiber coatings, CD coatings, photocurable solder resist inks for circuit boards, photocurable marking inks, etc.

Usage

Addition amount: 2 ~ 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(25ºC) and under ventilation. 25KG/bag

Tips:Lencolo 5026 has good absorption for dark colors, light-cured coatings, printing inks, UV-cured adhesives, etc.

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.