

Lencolo 5028 (DETX) Photoinitiator

CAS#: 82799-44-8

Description

Lencolo 5028 high-efficiency photoinitiator is used in UV curing system, which can make it non-yellowing and prolong storage for a long time. It is an initiator specially for colored curing systems of UV-curable coatings, inks and adhesives containing pigments. It can be used in conjunction with 184, ITX and other initiators. It can be used in pigmented ink systems, paper, metal and plastic varnishes and electronic inks.

Technical data

Molecular formula	C17H16OS
Molecule weight(g/mol)	268
Ingredient	2,4-Diethylthianthrone
Appearance	Light yellow powder
Melting point (°C)	68-75
Purity (%)	≥99
Acid value	≤4
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	261、385

Applications

UV curing of inks and varnishes on paper, wood, metal and plastic surfaces, its high absorbance properties make it ideal for use in UV curing inks and pigmented coatings. It can also be used in offset printing, screen printing ink, printing plate and electronic industry, 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(25°C) and under ventilation. 20KG/bag

Tips: Lencolo 5028 and 907 are used for UV ink and UV gel.

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.