

Lencolo 5036 Photoinitiator EDB

CAS#: 10287-53-3

Description

Lencolo 5036 is a high-efficiency solid-state amine synergist, suitable for UV polymerization monomers, single or multi-functional monomers and oligomers, mainly used in lithographic printing inks, adhesives, screen printing inks, solder resist inks and other electronic products. Typically used with ITX or 907.

Technical data

Molecular formula	C11H15O2N
Molecule weight(g/mol)	193.2
Ingredients	4-Dimethylamino-ethyl benzoate
Appearance	White solid powder
Melting point(°C)	61-64
Purity (%)	≥99
Volatile content(%)	≤0.5
Ash content(%)	≤0.1
Absorption peak(nm)	228、308

Applications

It is suitable for monomers and oligomers with single or multifunctional UV polymerization monomers, mainly used in lithographic printing inks, adhesives, screen printing inks, solder resist inks and other electronic products. Typically used with ITX or 907.

Usage

Solubility (20℃, g/100g)

Solvent or monomer: Acetone Toluene Ethyl Ester HDDA TMPTA TPGDA

Solubility : ≥50 ≥50 ≥50 ≥50 40 43

Addition amount: Film thickness 5-20mm 2-4%, Film thickness 2-200mm 2-5%

Users are advised to conduct experiments to determine the optimal dosage 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℃. 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℃) and under ventilation. 25KG/bag

Tips:Lencolo 5036 high-efficiency solid amine synergist, generally used together with ITX or 907.

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.