

Lencolo 5035 (MBZ) Photoinitiator

CAS#: 134-84-9

Description

Lencolo 5035 It is a high-efficiency, low-yellowing surface photoinitiator, mainly used for UV polymerization of corresponding resins together with tertiary amine complexing agents. Varnishes, plastic coatings, wood coatings, adhesives, lithographic inks, screen printing inks, flexo inks, electronics, etc.

Technical data

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|------------------------|----------------------|
| Molecular formula | C14H12O |
| Molecule weight(g/mol) | 196.2 |
| Ingredients | 4-Methylbenzophenone |
| Appearance | White flaky solid |
| Melting point(°C) | 54-58 |
| Purity (%) | ≥99 |
| Volatile content(%) | ≤0.5 |
| Ash content(%) | ≤0.1 |
| Absorption peak(nm) | 245 |

Applications

It is mainly used for UV polymerization of corresponding resins together with tertiary amine complexing agents. Varnishes, metal, plastic coatings, wood coatings, adhesives, lithographic inks, screen printing inks, flexo inks, electronics, etc.

Usage

Solubility (20°C, 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 2-6%

It is recommended that users conduct experiments to determine the optimal addition amount 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 5035 is a surface photoinitiator, use with tertiary amine complexing agent.

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.