

Lencolo 5029 (MBF) Photoinitiator

CAS#: 15206-55-0

Description

Lencolo 5029 is a high-efficiency liquid UV photoinitiator for initiating UV polymerization of unsaturated prepolymer systems. It offers superior yellowing resistance compared to most other photoinitiators.

Technical Data

Molecular Formula	C ₉ H ₈ O ₃
Molecule Weight (g/mol)	164.16
Composition	Methyl benzoylformate
Appearance	Yellowish liquid
Purity (%)	≥ 99
Volatile Content (%)	≤ 0.5
Ash Content(%)	≤ 0.1
Absorption Peak(nm)	255、325

Applications

Used for UV curing systems that require good surface curing effect (stain resistance) and low color change after curing or aging

Applicable for clear varnishes on wood, plastics, paper, and metal

Recommended Usage

Addition amount: 2 ~ 5%

Users are advised to determine the optimal dosage through trials prior to use.

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: 25 kg per drum

Tips: Lencolo 5029 is a non-yellowing photoinitiator for light-curing varnishes

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.