

SpeedCure EMK

Feb-2022 v.8

Technical Data Sheet

General Information

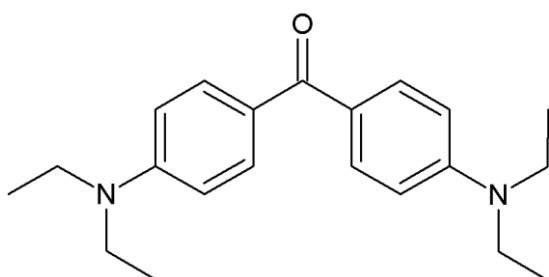
SpeedCure EMK is a Norrish Type II photoinitiator of the benzophenone family and an amine synergist, with absorption maxima at 250 and 378 nm. SpeedCure EMK provides high reactivity and depth cure when used at 0.5-5 wt% and combined with an amine synergist in highly pigmented UV and LED curable formulations.

Chemical Name

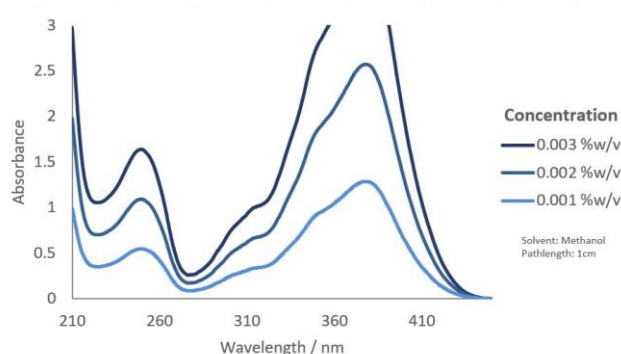
4,4'-bis(diethylamino)benzophenone

CAS Number	EC Number	Mol. Wt.
90-93-7	202-025-4	324.5

Structure



UV Spectrum



Specification (LAM 184)

Appearance :	Pale yellow to off-yellow solid
Purity (GC) :	≥ 98.0 %area
Melting Range :	≥ 92.0 °C
Water Content (Karl Fischer) :	≤ 0.5 %w/w

Applications

- Pigmented systems
- Black pigmented systems
- LED curing
- Electronics
- Composites

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

Global Inventories

REACH, EINECS, TSCA, DSL, AICS, NZIoC, IECSC, CSCL, ECL, PICCS, TSCI

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