

SpeedCure BDMB

Feb-2022 v.8

Technical Data Sheet

General Information

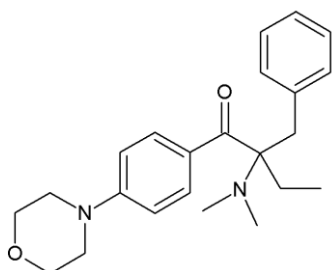
SpeedCure BDMB is a Norrish Type I photoinitiator from the aminoacetophenone family, with an absorption maximum at 321 nm. SpeedCure BDMB provides high reactivity, surface and depth cure when used at 0.5-5 wt% in UV and LED curable formulations.

Chemical Name

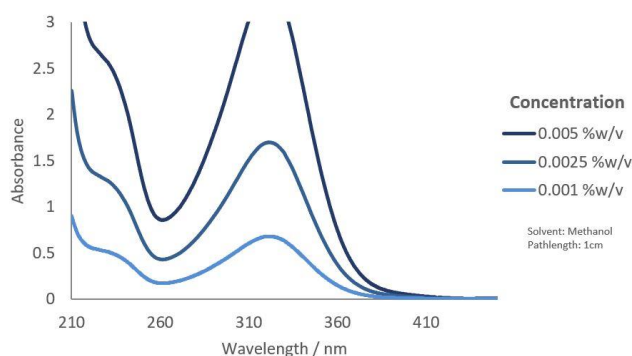
2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone

CAS Number	EC Number	Mol. Wt.
119313-12-1	404-360-3	366.5

Structure



UV Spectrum



Specification (LAM 300)

Appearance :	Pale yellow solid
Purity (HPLC) :	≥ 99.0 %area
Melting Range :	110.0 - 119.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.3 %w/w

Applications

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

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) HAZARDOUS
Class 9 Packing Group III UN 3077

Global Inventories

REACH, ELINCS, TSCA, DSL, AICS, NZIoC, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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