

SpeedCure PBZ

Feb-2022 v.9

Technical Data Sheet

General Information

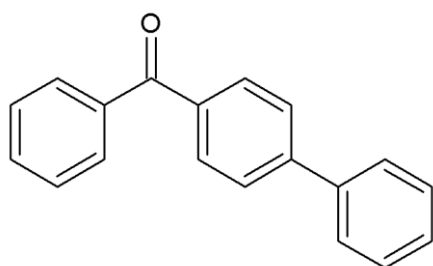
SpeedCure PBZ is a Norrish Type II photoinitiator of the benzophenone family, with an absorption maximum at 290 nm. SpeedCure PBZ provides high reactivity, surface cure and depth cure when used at 0.5-5 wt% and combined with an amine synergist in UV and LED curable formulations.

Chemical Name

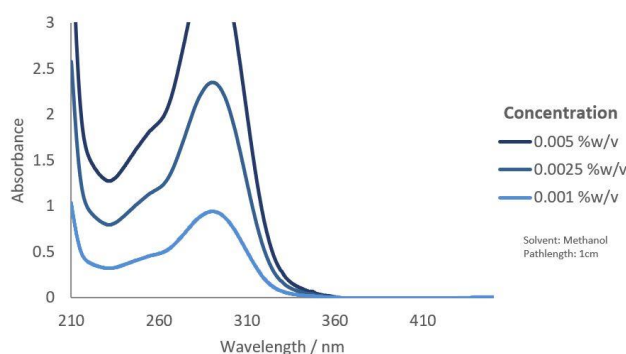
4-phenylbenzophenone

CAS Number	EC Number	Mol. Wt.
2128-93-0	218-345-2	258.3

Structure



UV Spectrum



Specification (LAM 191)

Appearance :	White to off-white solid
Purity (GC) :	≥ 99.0 %area
Melting Range :	99.0 - 103.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.5 %w/w

Applications

- 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

EINECS, TSCA, NDSL, AICS, NZIoC, IECSC, ISHL, ECL, TSCI

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