

SpeedCure BPO

Feb-2022 v.10

Technical Data Sheet

General Information

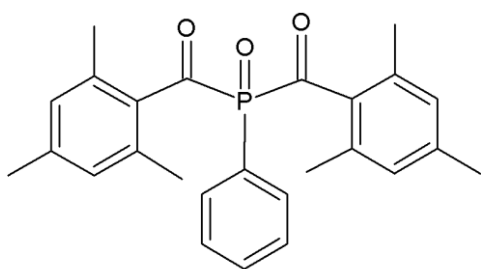
SpeedCure BPO is a Norrish Type I photoinitiator from the phosphine oxide family, with absorption maxima at 281, 365 and 395 nm. SpeedCure BPO provides high reactivity and depth cure when used at 0.5-5 wt% in UV and LED curable formulations.

Chemical Name

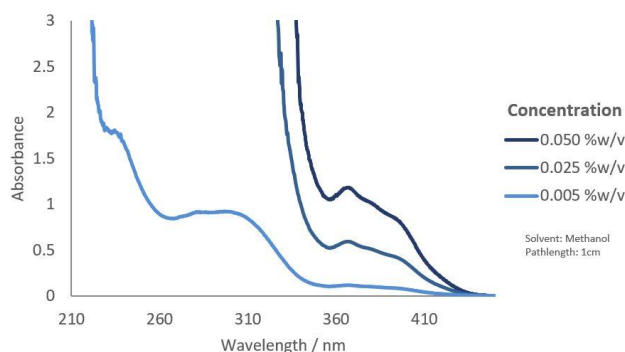
Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

CAS Number	EC Number	Mol. Wt.
162881-26-7	423-340-5	418.5

Structure



UV Spectrum



Specification (LAM 301)

Appearance :	Off-white to pale yellow solid
Purity (HPLC) :	≥ 98.0 %area
Melting Range :	127.0 - 135.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.2 %w/w

Applications

- Adhesives
- Clear coatings
- 3D printing
- Composites
- Electronics
- Pigmented systems
- LED curing
- White pigmented systems
- Black pigmented systems

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

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