

SpeedCure 8002

Jan-2021 v.1

Technical Data Sheet

General Information

SpeedCure 8002 is a Norrish Type I photoinitiator from the oxime ester family, with absorption maximum at 340 nm. SpeedCure 8002 provides low yellowing when used at 0.5-5 wt% in UV curable filter resist formulations.

Chemical Name

1-[9-Ethyl-6-(2-methylbenzoyl)-9H-carbazol-3-yl]-3-cyclopentylpropanone-1-(O-acetyloxime)

CAS Number

1227375-90-7

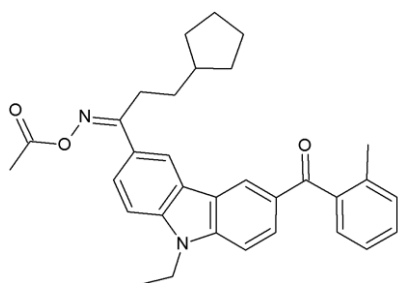
EC Number

n/a

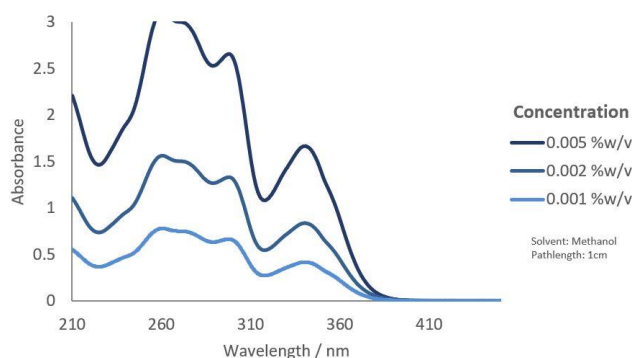
Mol. Wt.

494.6

Structure



UV Spectrum



Specification (LAM 404)

Appearance :

Purity (HPLC) :

Melting Range :

Loss on Drying (80°C, 2 hours) :

White to off-white solid

≥ 99.0 %area

119.0 - 127.0 °C

≤ 0.5 %w/w

Applications

- Pigmented systems
- LED curing
- Electronics

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

ECL, TSCI

Disclaimer: Please consult Arkema's disclaimer regarding the use of our products on <https://www.arkema.com/en/products/product-safety/disclaimer/>

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