

SpeedCure 7010

Feb-2022 v.9

Technical Data Sheet

General Information

SpeedCure 7010 is a polymeric Norrish Type II photoinitiator of the thioxanthone family, with absorption maxima at 257, 312 and 383 nm. SpeedCure 7010 provides long wavelength sensitisation of appropriate photoinitiators, depth cure, low odour and low migration when used at 0.1-8 wt% and combined with an amine synergist in UV and LED curable formulations.

Chemical Name

Polymeric thioxanthone

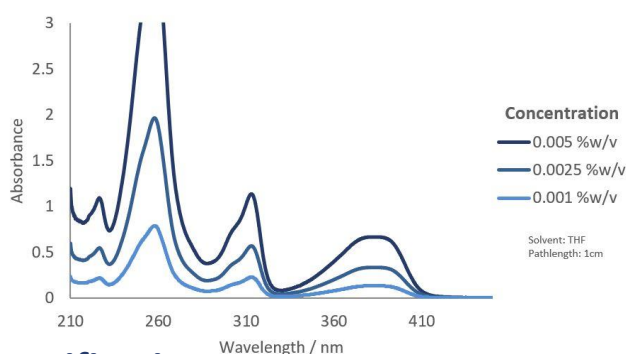
CAS Number

1003567-83-6

EC Number

n/a

UV Spectrum



Specification (LAM 322)

Appearance :	Cream to pale yellow solid
Active Content :	≥ 97.75 %
Total Monomeric Species Content (HPLC) :	≤ 1.75 %w/w
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.5 %w/w
Gardner Colour (10%w/v Toluene) :	≤ 7.0

Applications

- Pigmented systems
- Black pigmented systems
- LED curing
- Low migration 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, TSCA, TSCI

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