

TECHNICAL DATA SHEET

SpeedCure 7010

Polymeric thioxanthone

DESCRIPTION

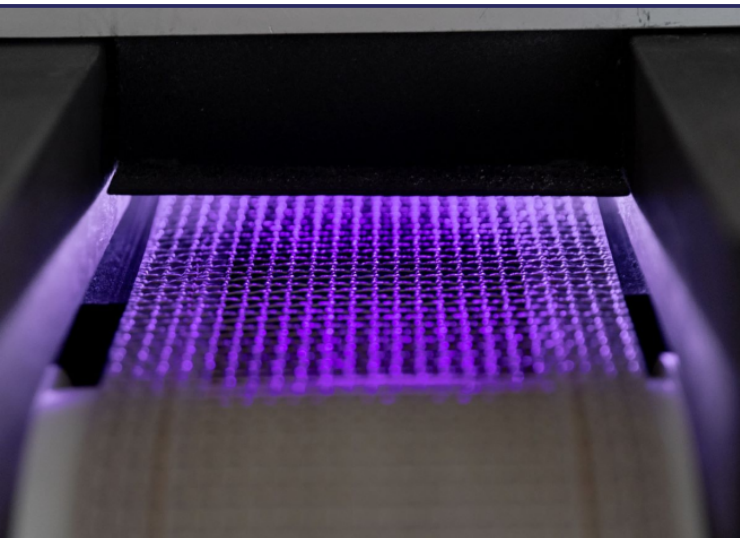
SpeedCure 7010 is a polymeric Norrish Type II photoinitiator of the thioxanthone family, with absorption maxima at 257, 312 and 383 nm. SpeedCure 7010 provides long wavelength sensitisation of appropriate photoinitiators, depth cure, low odour and low migration when used at 0.1-8 wt% and combined with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



Improved cure response under LED



Reduced risk of migration



SHELF LIFE

Typical shelf-life is **24** months from the manufacture date for un-opened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

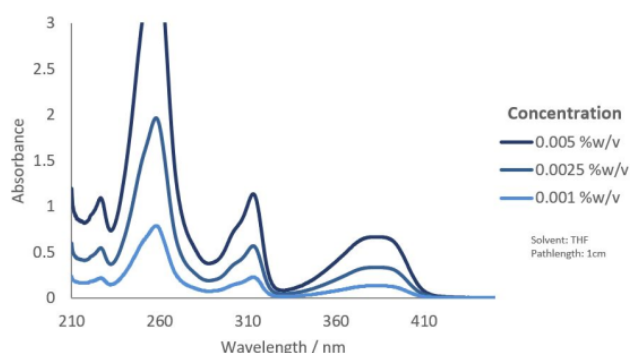
STORAGE AND HANDLING

Store in the dark in the original, closed container, in a dry, cool (20-°C) and well-ventilated place.
Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources.

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

UV SPECTRUM



SALES SPECIFICATIONS

Appearance	Cream to pale yellow solid
Active content (%)	≥ 97.75
Total Monomeric Species Content (%)	≤ 1.75
Loss on Drying (%)	≤ 0.5
Color (10%w/v Toluene, Gd)	≤ 7.0

PERFORMANCE

Depth Cure
LED
Low Odor
Pigmented Systems

SUGGESTED APPLICATIONS

Flexographic inks
Industrial coatings
Nail care
Offset inks
Screen inks

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