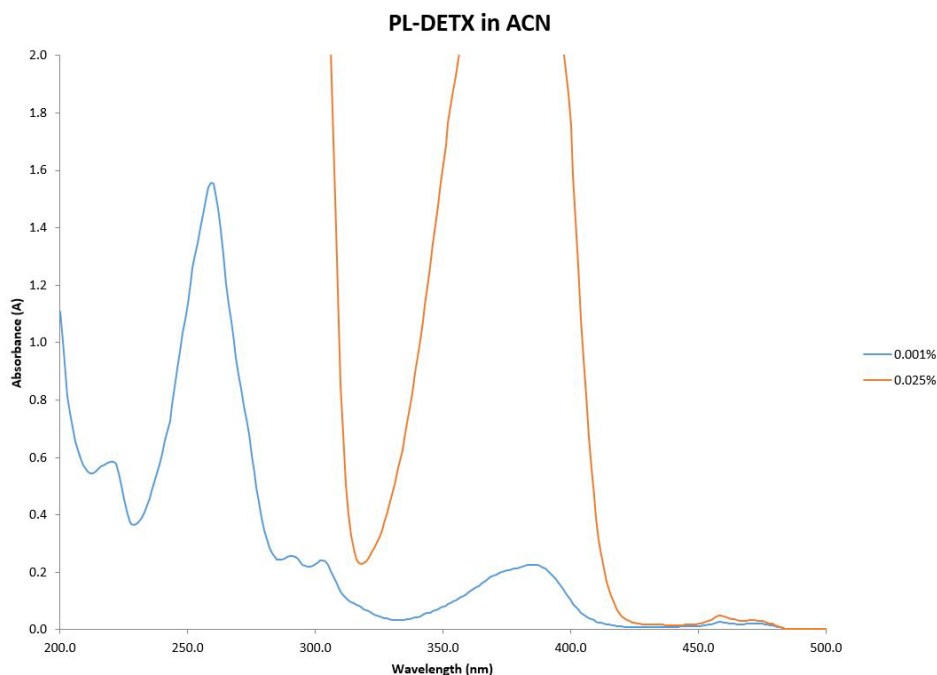


PL-DETX: Diethylthioxanthenone

Description

PL-DETX is a Type-II photoinitiator that is highly effective in pigmented systems. Tertiary amine synergists can be used in combination with PL-DETX to further improve cure efficiency. PL-DETX provides great depth cure.

CAS #: 82799-44-8



Performance Properties

- ✓ Good solubility in many monomers - not in H₂O
- ✓ Good in pigmented systems (non-white)
- ✓ Excellent through cure

Typical Applications

- ✓ Coatings for graphic arts, wood, plastics, metals, and optical fiber
- ✓ Flexo, screen, litho, dry offset, and inkjet
- ✓ Adhesives

Typical Properties

Appearance	Pale yellow powder
Molecular Formula	C ₁₇ H ₁₆ OS
Molecular Weight	268.37
Melt Point	71 – 75°C
Boiling Point	>425°C
Specific Gravity	1.178 g/mL
Abs. Peaks	255, 382 nm
Usage levels	0.5 – 5.0 %

All information contained in this data sheet is given in good faith and without liability. It is intended to serve only as guidance. Users are advised to conduct their own evaluation of the product to determine its proficiency into products and processes. Users should ensure that the use of the product complies with all applicable current legislation.