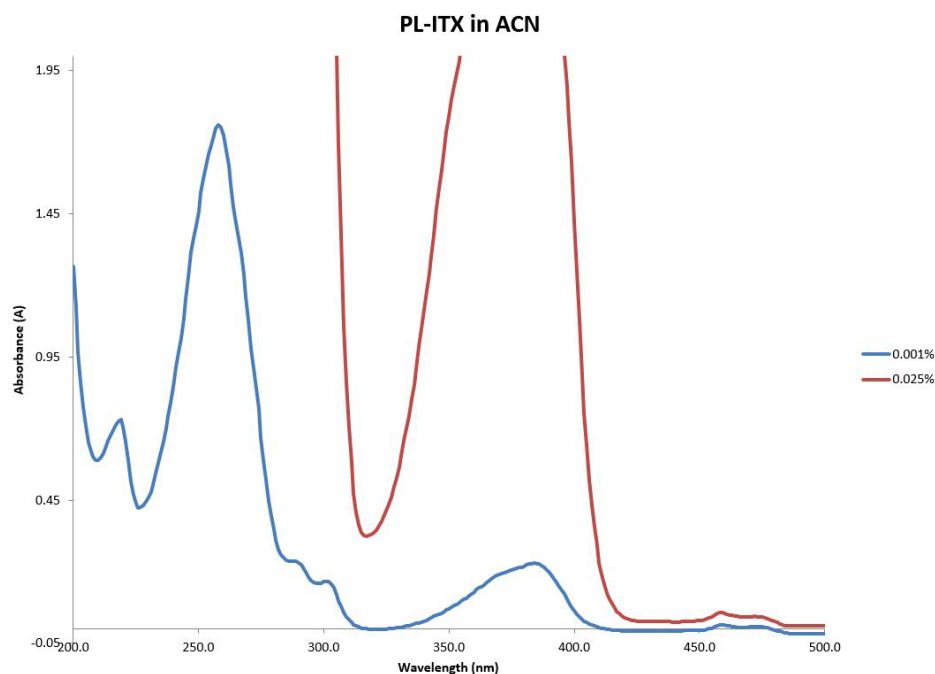


PL-ITX: 2-Isopropylthioxanthone

Description

2-Isopropylthioxanthone is a Type II photoinitiator. It is typically used in combination with tertiary amines. Another major use is as a sensitizer to enhance the curing efficiency of both PL-907 and PL-369. It is soluble in most monomers, oligomers and pre-polymers but insoluble in H₂O.

CAS #: 5495-84-1



Performance Properties

- ✓ Excellent through cure
- ✓ Excellent non-sensitizer
- ✓ Good in pigmented systems (non-white)

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 ₁₆ H ₁₄ OS
Molecular Weight	254.3
Melt Point	72 – 76°C
Boiling Point	>398°C
Specific Gravity	1.19 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.