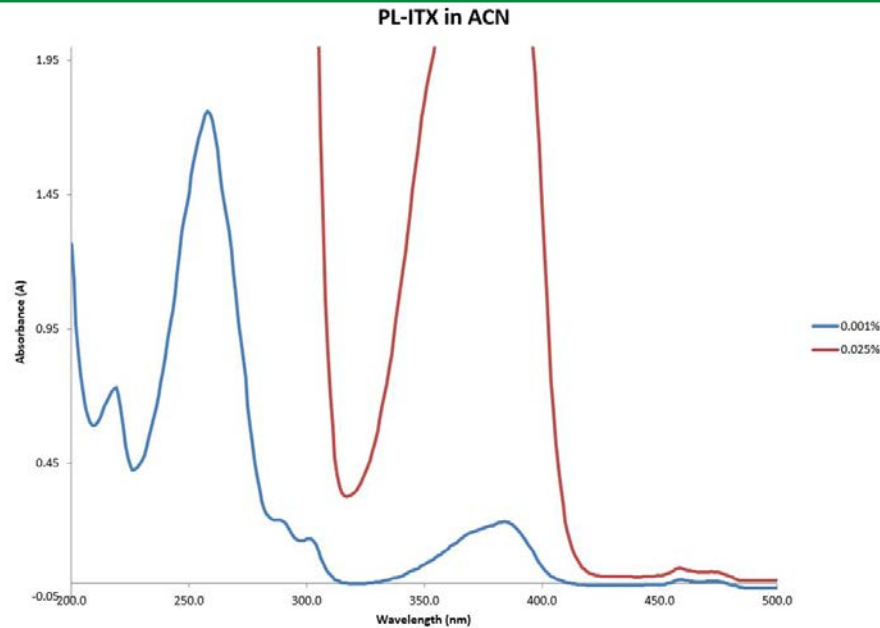


Item # PL-ITX, 2-Isopropylthioxanthone



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.

Typical Applications: Coatings for graphic arts, wood, plastics, metals and optical fiber. Flexo, screen, litho, dry offset and inkjet. Adhesives.

Performance Properties:

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

TYPICAL PROPERTIES

| | |
|-------------------|--------------------|
| Appearance | Pale yellow powder |
| Molecular Formula | C16H14OS |
| Molecular Weight | 254.3 |
| Melt point | 72-76°C |
| Boiling point | >398°C |
| Specific Gravity | 1.19 g/mL |
| Abs. Peaks | 255, 382 |
| Usage Levels | 0.5 - 5% |

complies with all applicable current legislation. 09/2016