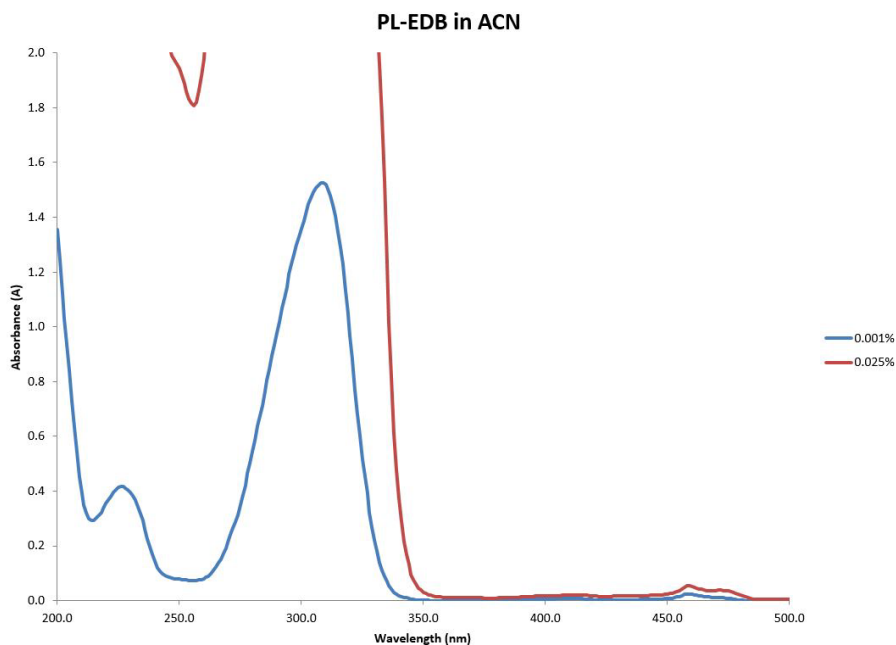


PL-EDB: 4-(Dimethylamino)-Benzoic Acid Ethyl Ester

Description

PL-EDB is a tertiary amine synergist typically used in combination with Type-II photoinitiators such as Benzophenone. It is best known for its ability to promote surface cure. It is soluble in most monomers, oligomers and pre-polymers but insoluble in H₂O.

CAS #: 10287-53-3



Performance Properties

- ✓ Very fast curing amine synergist
- ✓ Excellent solubility

Typical Applications

- ✓ Printing inks such as inkjet, flexo, screen, litho, and dry offset

Typical Properties

| | |
|-------------------|---|
| Appearance | White powder |
| Molecular Formula | C ₁₁ H ₁₅ NO ₂ |
| Molecular Weight | 193.2 |
| Melt Point | 65°C |
| Boiling Point | >250°C |
| Specific Gravity | 1.01 g/mL |
| Abs. Peaks | 230, 310 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.