

# PL-4MBP: 4-Methyl Benzophenone

## Description

4-Methyl benzophenone is a fast curing Type-II photoinitiator. In the presence of O<sub>2</sub>, the use of an amine co-initiator is recommended. It is soluble in most monomers, oligomers and pre-polymers. It is insoluble in H<sub>2</sub>O.

CAS #: 134-84-9

### Performance Properties

- ✓ Very fast curing
- ✓ Excellent Hardness

### Typical Applications

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

### Typical Properties

Appearance	Off white flakes
Molecular Formula	C <sub>14</sub> H <sub>12</sub> O
Molecular Weight	196.25
Melt Point	57°C
Boiling Point	326°C
Specific Gravity	1.10 g/mL
Odor	Sweet, characteristic
Abs. Peaks	254 nm
Usage levels	1.0 – 8.0 %

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.