

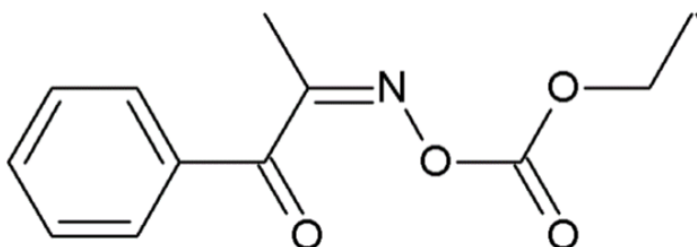
## TECHNICAL DATA SHEET

# SpeedCure PDO

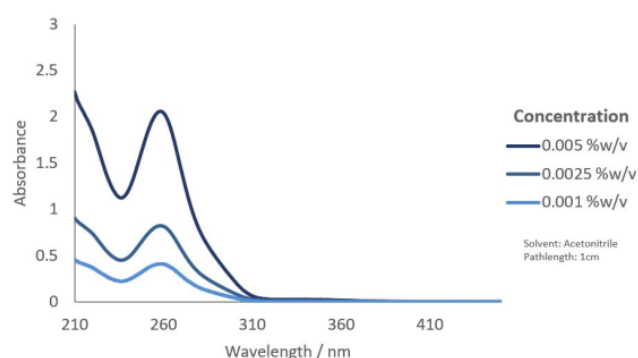
1-phenyl-1,2-propanedione-2-(O-ethoxycarbonyl) oxime

### DESCRIPTION

SpeedCure PDO is a Norrish Type I photoinitiator from the oxime ester family, with absorption maximum at 259 nm. SpeedCure PDO provides high reactivity, low yellowing and low volatiles when used at 0.5-5 wt% in UV formulations for electronics applications.



### UV SPECTRUM



### SHELF LIFE

Typical shelf-life is **24** months from the manufacture date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

### STORAGE AND HANDLING

Store in the dark in the original, closed container, in a dry, cool (20-°C) and well-ventilated place.  
Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources.

### HEALTH AND SAFETY

See SDS for Health & Safety Considerations

### SALES SPECIFICATIONS

|                         |                            |
|-------------------------|----------------------------|
| Appearance              | White to pale cream powder |
| Purity (%)              | ≥ 96.0                     |
| Melting Range (°C)      | 58.0 - 61.0                |
| Water Content (%)       | ≤ 0.5                      |
| Chloride Content (ppm)  | ≤ 5.0                      |
| Sulphated Ash (%)       | ≤ 0.2                      |
| Sodium Content (ppm)    | ≤ 5.0                      |
| Calcium Content (ppm)   | ≤ 1.0                      |
| Potassium Content (ppm) | ≤ 1.0                      |
| Iron Content (ppm)      | ≤ 1.0                      |
| Copper Content (ppm)    | ≤ 1.0                      |

### PERFORMANCE

Clear Coatings  
Colour filter matrix, photoresist  
Low Yellowing  
Surface Cure

### SUGGESTED APPLICATIONS

Electronics

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