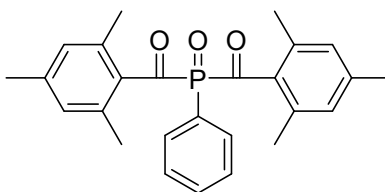


JRCure 819 *Free Radical Type I*

Description

CAS No.: [162881-26-7] Bis(2,4,6-trimethylbenzoyl)-phenylphosphineoxide

JRCure 819 is a versatile photoinitiator for radical polymerization of unsaturated resins upon UV and near visible light exposure. With the below three advantages, JRCure 819 has successfully solved the problems that often frustrate formulators: I. Good performance of curing pigmented formulations and in outdoor applications, it can be formulated with UV absorbers to gain good weather stability, while without harming the cure speed. II. Good through-curing of thick coating film. III. To give a clean white appearance in contrast to the off-white color associated with other long wavelength absorption photoinitiators.



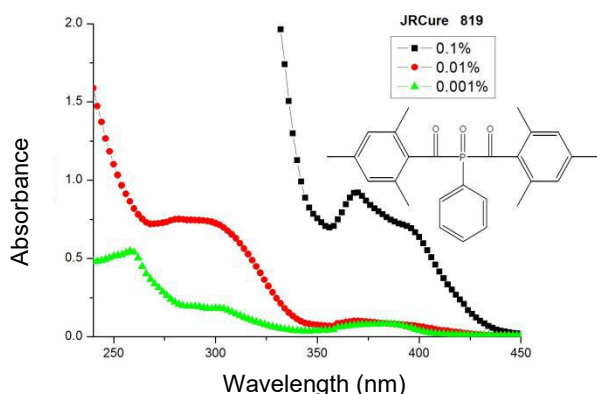
Molecular formula: C₂₆H₂₇O₃P

MW:418.5

Physical Properties

Appearance:	White to yellowish powder	Purity:	≥98.5%
Melting Range:	127-135°C	UV-Absorption:	370nm

Absorption spectrum of JRCure 819



Solubility characteristics (% g/100g at 20°C)

Acetone.....	14
Butylacetate.....	6
Methanol.....	3
Toluene.....	22
Hexanedioldiacrylate (HDDA)...	9
Oligomeric acrylate.....	3

Packaging and Handling

Packaging: 20Kg/Carton, 600Kg/Pallet or on request.

12 months when the product is stored in tightly closed containers in a cool, dry, well-ventilated area. For additional information, please see the Safety Data Sheet.