

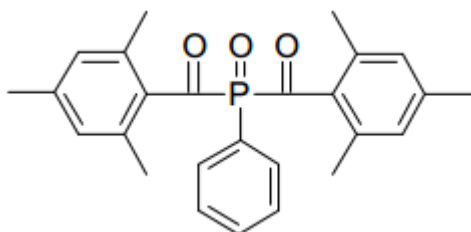
■ POLYMER ADDITIVES

JADEWIN PI 819

PHOTO INITIATOR

CHEMICAL COMPONENT

COMPONENT	Bis(2,4,6-trimethylbenzoyl)-phenylphosphineoxide
CAS	162881-26-7
Molecular	C ₂₆ H ₂₇ O ₃ P
M.W	418.5



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		LIGHT YELLOW CRYSTALLINE POWDER
MELTING POINT	°C	127.00-134.00
CLARITY		CLEAR
VOLATILES	%	0.30MAX
ASSAY	%	98.00MIN

FEATURE AND APPLICATION

* JADEWIN PI 819 is a versatile photoinitiator for radical polymerisation of unsaturated resins upon UV light exposure. It is especially suited for white pigmented formulations, the curing of glass fiber reinforced polyester/styrene systems and for clearcoats. Thick section curing is also possible with JADEWIN PI 819.

* JADEWIN PI 819 may be used in UV curable formulations for clear and for pigmented coatings on wood, metal, plastic, paper and optical fibers as well as for printing inks and prepreps.

* JADEWIN PI 819 exhibits at low concentrations an outstanding curing performance in highly opaque white and colored furniture coatings or screen inks containing rutile titanium dioxide or colored



pigments.

* JADEWIN PI 819 is photosensitive at longer wavelengths above 400nm, that make it suitable for thick section and JADEWIN PI 819 can easily be used in combinations with UV absorbers, to reduce yellowing of urethane acrylate systems for outdoor applications, directly exposed to sunlight

* For additional information please consult the Material safety Data Sheet

PACKING

25Kg Carton 500KG/Pallet

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS
Canada - DSL
EU - EINECS
China - IECSC
Japan - ENCS
New Zealand - NZIoC
Korea - ECL
USA - TSCA
Philippines - PICCS