

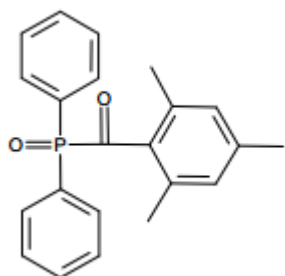
■ POLYMER ADDITIVES

## JADEWIN TPO

### PHOTO INITIATOR

#### CHEMICAL COMPONENT

COMPONENT	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
CAS	75980-60-8
Molecular	C <sub>22</sub> H <sub>21</sub> O <sub>2</sub> P
M.W	348



#### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		YELLOWISH CRYSTAL POWDERR
MELTING POINT	°C	90.00-95.00
CLARITY		CLEAR
VOLATILES	%	0.30MAX
ASSAY	%	99.00MIN

#### FEATURE AND APPLICATION

- \* JADEWIN TPO is a highly efficient curing agent which is used to initiate radical photopolymerisation of unsaturated resins such as those based on a prepolymer - e.g. acrylates - in combination with mono- or multifunctional monomers as reactive thinners
- \* JADEWIN TPO 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 prepregs.
- \* JADEWIN TPO offers good solubility in common UV reactive systems, e.g. systems based on acrylates or unsaturated polyesters. It can be used as the sole photoinitiator or in combinations with other photoinitiators, like e.g.  $\alpha$ -hydroxy ketones.



\* 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