**■POLYMER ADDITIVES**

**JADEWIN PI 819**

**PHOTO INITIATOR**

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| **CHEMICAL COMPONENT** | |
| COMPONENT | Bis(2,4,6-trimethylbenzoyl)-phenylphosphineoxide |
| CAS | 162881-26-7 |
| Molecular | C26H27O3P |
| M.W | 418.5 |
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| **SPECIFICATION AND PHYSICAL PROPERTIES** |
| |  |  |  | | --- | --- | --- | | TEST | UNIT | SPECIFICATION | | APPEARANCE |  | LIGHT YELLOW CRYSTALLINE POWDER | | MELTING POINT | ℃ | 127.00-134.00 | | CLARITY |  | CLEAR | | VOLATILES | % | 0.30MAX | | ASSAY | % | 98.00MIN | |
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| **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 prepregs.  \* 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 |

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| **STORAGE** |
| Keep container tightly closed and dry and storage in cool place |

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