

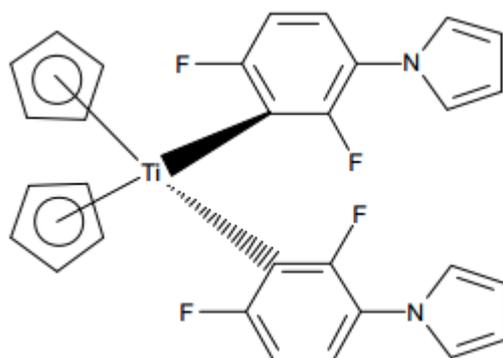
■ POLYMER ADDITIVES

JADEWIN PI 784

PHOTO INITIATOR

CHEMICAL COMPONENT

COMPONENT	BIS(2,6-DIFLUORO-3-(1-HYDROPYRROL-1-YL)PHENYL)TITANOCENE
CAS	125051-32-3
Molecular	C ₃₀ H ₂₂ F ₄ N ₂ Ti 10*
M.W	534



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		YELLOW ORANGE POWDER
MELTING POINT	°C	165.0-170.0
CLARITY		CLEAR
VOLATILES	%	0.50MAX
ASSAY	%	99.00MIN

FEATURE AND APPLICATION

* JADEWIN PI784 is an extremely reactive, orange colored solid photoinitiator for radical olymerisation of unsaturated resins upon exposure to visible light (daylight) or UV light. It is especially suited for the curing of photopolymers for imaging or information storage applications.

* JADEWIN PI784 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 PI784 unique absorbance properties together with its outstanding reactivity make it



**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**
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especially suited for use in photopolymers, e.g. resists, printing plates and other information storage devices such as optical layers, holograms, laser direct imaging, stereolithography. Curing can be performed either using UV light, visible light (blue-green part of the spectrum) or even light from suitable laser devices, e.g. Ar-Laser (488nm) or FD-Nd/YAG-Laser (532nm).

*Best performance is obtained if oxygen is excluded from the resin system during curing.

* For additional information please consult the Material safety Data Sheet

PACKING

1KG BAG, 10 KG FIBER DRUM

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