

SpeedCure VLT

Feb-2022 v.10

Technical Data Sheet

General Information

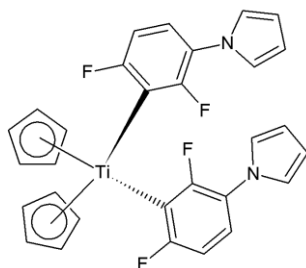
SpeedCure VLT is a titanocene photoinitiator with absorption maxima at 395 nm and 470 nm. SpeedCure VLT provides high reactivity and depth curing when used at 0.5-5% in UV, LED and visible light curable formulations.

Chemical Name

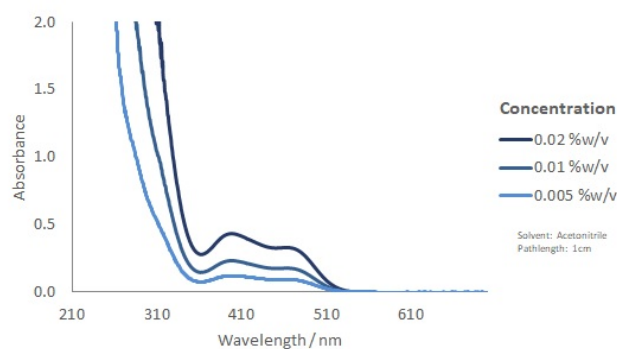
Bis(η 5-cyclopentadienyl)-bis(2,6-difluoro-3-[pyrrol-1-yl]-phenyl)titanium

CAS Number	EC Number	Mol. Wt.
125051-32-3	412-000-1	534.4

Structure



UV Spectrum



Specification (LAM 391)

Appearance :	Yellow to orange solid
Purity (HPLC) :	≥ 98.0 %area
Melting Range (Temp ramp 1°C min) :	165.0 - 170.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 1.0 %w/w
Clarity of Solution :	Clear

Applications

Pigmented systems, Black pigmented systems, LED curing, Electronics, 3D printing, Adhesives, Composites

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) HAZARDOUS
Class 4.1 Packing Group II UN 1325

Global Inventories

ELINCS, TSCA, NDSL, NZIoC, IECSC, CSCL, ECL, TSCI

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