

SpeedBlock OB-184

Feb-2022 v.7

Technical Data Sheet

General Information

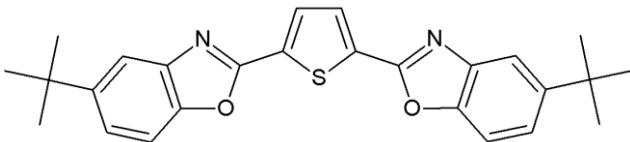
SpeedBlock OB-184 is a fluorescent whitening agent, with excellent chemical and thermal stability, for use in ink and coating applications. SpeedBlock OB-184 is used in white and pastel tones where the degree of whiteness of the paint/ink needs intensifying. SpeedBlock OB-184 will mask the yellow self colour of some formulations and will increase the deep tone of blue/black inks. SpeedBlock OB-184 is recommended for use at concentrations between 0.02 - 5.0%. The actual use level chosen depends on the particular application and end user requirements.

Chemical Name

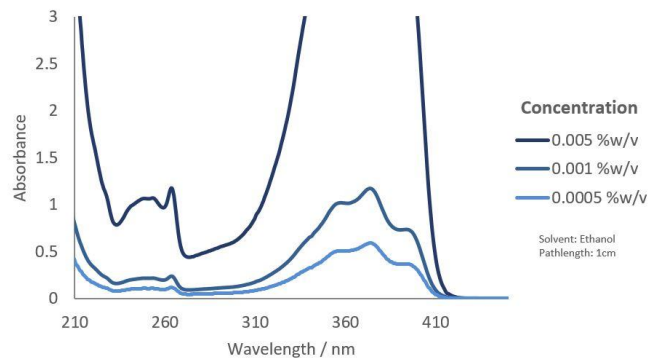
2,5-bis(5-tert-butyl-2-benzoxazol-2-yl) thiophene

CAS Number	EC Number	Mol. Wt.
7128-64-5	230-426-4	430.6

Structure



UV Spectrum



Specification (LAM 397)

Appearance :	White to light yellow powder
Assay (By HPLC Area %) :	≥ 99.0 %
Melting Point Range :	201.0 - 205.0 °C
Loss on Drying (%w/w, 60°C, 3 hours under vacuum) :	≤ 0.5 %w/w

Applications

- Resins
- Paints
- Inks
- Coatings

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) NON-HAZARDOUS

Global Inventories

EINECS, TSCA, DSL, AICS, NZIoC, IECSC, CSCL, ECL, PICCS, TSCI

Disclaimer: Please consult Arkema's disclaimer regarding the use of our products on <https://www.arkema.com/en/products/product-safety/disclaimer/>

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