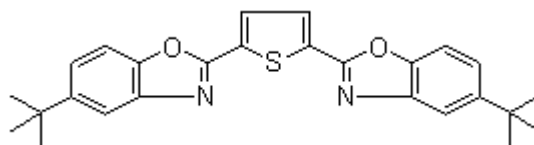


## GC OB

2,5-thiophenediylbis (5-tert-butyl-1,3-benzoxazole)



|                  |   |
|------------------|---|
| Chemical Formula | C <sub>26</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub> S |
| Molecular Weight | 430.56  |
| CAS              | 7128-64-5   |

GC OB is highly effective in polymer substrates such as engineering plastics, e.g. polyesters, polycarbonate, polyamides and acrylics, thermoplastic polyurethane, polyvinylchloride, styrene homo- and copolymers, polyolefins, adhesives, and other organic substrates. Main applications include fibers, molded articles, films and sheets. Additional applications include clear lacquers, pigmented lacquers, paints, printing inks and synthetic leather.

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### PHYSICO-CHEMICAL PROPERTIES

|                                     |               |
|-------------------------------------|---------------|
| Content (%)                         | 99.00min      |
| Ash (%)                             | 0.20max       |
| Volatiles (%)                       | 0.50max       |
| Melting Point/Range (°C)            | 200.00-205.00 |
| Transmittance (%)450 nm             | 97.0 min      |
| Transmittance (%)500 nm             | 98.0 minT     |
| ransmittance (%)Solution in Toluene | 1g/100 ml     |

**HANDLING AND STORAGE:** The processing and use of GC OB requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC OB has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

**PACKAGING:** Standard pack size of GC OB is 25Kg in fiber drum.

### NOTE:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.