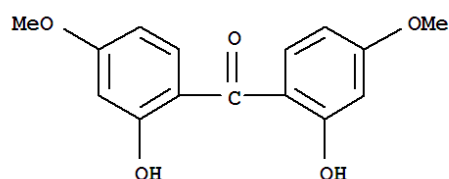


GC UV-3049

2,2'-dihydroxy-4,4'-dimethoxy-benzophenon

Chemical Formula $C_{15}H_{14}O_5$

Molecular Weight 274



GC UV-3049 is an efficient UV absorber for polyester film, which it protects from premature damage, particularly under severe exposure conditions. The polyester film can be treated by applying a hot solution of it in a polyhydric alcohol.

PHYSICO-CHEMICAL PROPERTIES

Appearance	Light yellow powder
Assay(HPLC), %	≥ 98.0
Volatiles, °C	≥ 134.00
K value	≥ 49
Gardner Color	≤ 4.0
Transmittance, %	≥ 90.0% @ 450-550nm ≥ 95.0% @ >500nm < 1.0% @ 300-400nm

HANDLING AND STORAGE: The processing and use of GC UV-3049 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC UV-3049 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 UV-3049 is 25 Kg in fiber drums.

Important note

Some plastic additives, fillers or pigments can influence significantly on UV absorber properties. Before to use the products, please be informed.

Stop machine with high temperature could create degradation of polymers. Please clean with neutral polymers.

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.