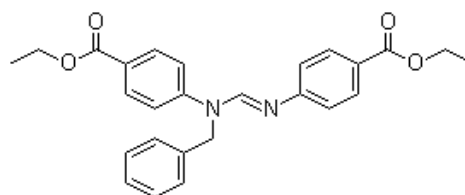


GC UV-3

N,N'-Bis(4-ethoxycarbonylphenyl)-N-benzylformamide

Chemical Formula	C ₂₆ H ₂₆ N ₂ O ₄
Molecular Weight	430.50
CAS Number	586400-06-8



GC UV-3 is used for a wide range of polymers and applications including polyurethanes (Spandex, TPU, RIM etc.), engineering plastics (PET, PC, PC/ABS, PA, PBT etc). GC UV-3 offers high thermal stability. Provides very good light absorbing characteristics and good compatibility and solubility with various polymers and solvents.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White to Light yellowish powder
Content, %	98.00 min
Ashes, %	0.1 max
Volatiles, %	0.5 max
Melting Point/Range, °C	119.0-123.0
pH	6.0-8.0
Insoluble substances, %	0.05 max
Color in 5% toluene solution (Hazen)	120 max

HANDLING AND STORAGE:	The processing and use of GC UV-3 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC UV-3 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.
PACKAGING:	Standard packaging size of GC UV-3 is in 25 Kg carton box.

IMPORTANT NOTE

Some plastic additives, fillers or pigments can influence significantly on UV absorber properties of the compound. Before using these products, please be informed.
Machine stop at high temperature could create degradation of polymers.
Please clean with neutral polymers.

Disclaimer:

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.