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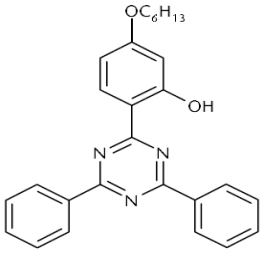
GC UV-1577



2-(4,6-Diphenyl-1,3,5-triazin-2-yl)-5-[(hexyl)oxy]-phenol

Chemical Formula	$C_{27}H_{27}N_3O_2$
Molecular Weight	425.00
CAS Registry number	147315-50-2

GC UV-1577 is an UV absorber of the hydroxyphenyl triazine class.
GC UV-1577 has a very low volatility and shows good compatibility with a variety of polymers. GC UV-1577 is an excellent choice for use in PC /PET, but finds also application in polymer blends & alloys, such as PC/ABS, PC/PBT, PPE/IPS, PPE/PA and copolymers as well as in flame retarded compounds.

PHYSICAL-CHEMICAL PROPERTIES	
Appearance	Light yellow powder or granular
Content, %	99.00 min
Volatiles, %	0.30 max
Melting Point, ºC	147.00-151.00
Ashes, %	0.05 max
Transmittance (10% in toluene) @460nm	87.00 min
@500nm	98.00 min
Clarity (10% in toluene)	Clear

HANDLING AND STORAGE: The processing and use of GC UV-1577 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC UV-1577 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-1577 is in 25 Kg in fiber drum.

IMPORTANT NOTE:

Some plastic additives, fillers or pigments can influence significantly on UV absorber properties. 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 improperly 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.

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