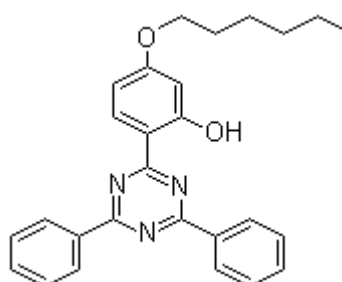


GC UV-1577

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

Chemical Formula C₂₇H₂₇N₃O₂
Molecular Weight 425.52
CAS 147315-50-2



GC UV-1577 is used as UV absorber for complex moldings, fibers, plain and corrugated sheets, twin wall sheets, thin films, co-injected or coextruded semi-finished parts. It allows polycarbonates and polyesters to achieve a higher resistance to weathering than conventional benzotriazole UV absorbers.

PHYSYCO-CHEMICAL PROPERTIES

Appearance	Light yellowish powder or granular
Content (%)	98.00 min
Volatiles (%)	0.30 max
Ash(%)	0.10max
Melting Point (° C)	147.00-151.00
Transmittance(%)	
460nm	85.00min
500nm	95.00min

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 pack size of GC UV-1577 is 25 Kg in carton.

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 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.