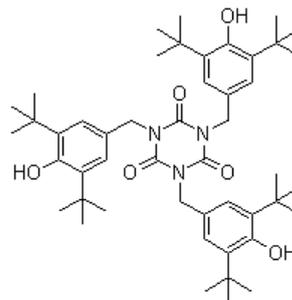


GC THANOX 3114

1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione

Chemical Formula C₄₈H₆₉N₃O₆
CAS Number 27676-62-6



GC THANOX 3114 is a high molecular weight hindered phenolic antioxidant. GC THANOX 3114 is used for protection against thermo-oxidative degradation during processing and improves thermal stability of the final compound. GC THANOX 3114 has very low volatility and it can be used in polyolefin applications, PVC, PP fibers and films, polyamides, polyurethanes, elastomers and other synthetic rubbers.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder
Assay, %	Min. 98
Melting point, °C	218-223
Volatiles, %	Max. 0.2
Transmittance (5g/50 ml Toluene), %	
@425 nm	Min. 93
@500 nm	Min. 97

HANDLING AND STORAGE: The processing and use of GC THANOX 3114 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC THANOX 3114 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 THANOX 3114 is in 20 Kg plastic bag.

IMPORTANT NOTE Some plastic additives, fillers or pigments can have a significant influence on the properties of the end product. Before using this product, 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.