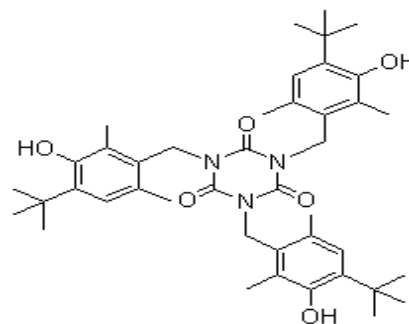


GC THANOX 1790

1,3,5-Tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-
1,3,5-triazine-2,4,6-(1H,3H,5H)-trione

Chemical Formula C₄₂H₅₇N₃O₆
Molecular Weight 699.9
CAS 40601-76-1



GC THANOX 1790 is a high performance, sterically hindered phenolic antioxidant that provides a high molecular weight and extraction resistance. GC THANOX 1790 exhibits very good processing stability, also at high temperatures it shows excellent heat and oxidation stability. GC THANOX 1790 use provides very good gas fading resistance of the polymers .It can be used in polyurethanes, polyolefins as well as engineering resins, such as Nylon, PC, PPS , PET etc. and finds application in pipes, tubes, fibers, film, household appliances and food packaging.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White crystal powder
Assay (%)	98.0 min
Melting point (°C)	159.0 - 163.0

HANDLING AND STORAGE: The processing and use of GC THANOX 1790 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC THANOX 1790 has to be stored in its tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING: Standard packaging size of GC THANOX 1790 is in 25 Kg in fiber drum.

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.