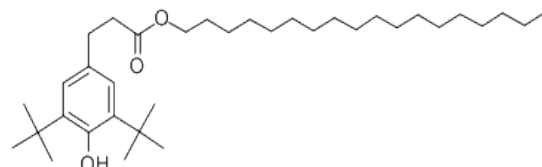


GC THANOX 1076

Octadecyl-3-(3',5'-di-tertbutyl-4'-hydroxyphenyl) propionate

Chemical Formula $C_{35}H_{62}O_3$
Molecular Weight 530.86 g/mol
CAS Registry Number 2082-79-3



GC THANOX 1076 is a high weight hindered phenolic antioxidant. **GC THANOX 1076** effectively reduces oxidative degradation of most polymeric substances during processing and end-use applications.

GC THANOX 1076 is an excellent stabilizer for polyolefins, impact modified styrenics, block co-polymers, elastomers, adhesives, PVC and polyurethanes.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder			
Assay (HPLC), %	Min. 98.0			
Density, g/cm ³	1.07			
Melting point, °C	50-55			
Volatiles, %	Max. 0.2			
Ashes, %	Max. 0.1			
Solubility at 20°C in 100 g solvent	Water	Insoluble	Xylene	104 g
	Methanol	< 1 g	Acetone	50 g
	Chloroform	140 g	Mineral oil	10 g
	Ethyl Acetate	95 g	Hexane	52 g
TGA (10 mg @ 10°C/min under N ₂)	Weight Loss	5 %	10 %	25 %
	Temperature	260°C	278°C	302 °C
Transmittance (5g/50 ml Toluene)	@425 nm	≥ 97.0 %		
	@500 nm	≥ 98.0 %		

HANDLING AND STORAGE: The processing and use of GC THANOX 1076 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC THANOX 1076 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 1076 is in 25 Kg in plastic bags.

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.