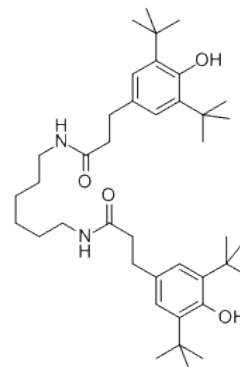


GC THANOX 1171

BLEND OF ANTIOXIDANTS

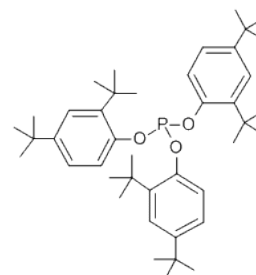
N,N' Hexamethylene bis (3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide)

Chemical Formula $C_{40}H_{64}N_2O_4$
Molecular Weight 636.95 g/mol
CAS Registry Number 23128-74-7



Tris(2,4-di-tert-butylphenyl) phosphite

Chemical Formula $C_{42}H_{63}O_3P$
Molecular Weight 646.92 g/mol
CAS Registry Number 31570-04-4



GC THANOX 1171 is a blend of antioxidants with a synergistic effect that provides low volatility and good resistance to extraction. **GC THANOX 1171** is particularly suitable for polyamide fibers, nylon 6, nylon 66, molded articles and films. It can be added prior to polymerization, to protect polymer color properties during manufacturing, shipping or thermal fixation.

PHYSICO-CHEMICAL PROPERTIES

Appearance	White powder			
Assay ratio	50±2.5/ 50±2.5			
Melting point, °C	> 156			
Volatiles, %	Max 0.5			
Density @ 20°C, g/ml	~1.03			
Solubility @ 20°C (in 100 g solvent)	Water	Insoluble	Methanol	Slightly soluble
	Acetone	Soluble	Ethyl Acetate	Soluble
	Toluene	Slightly soluble		

HANDLING AND STORAGE:

The processing and use of GC THANOX 1171 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC THANOX 1171 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 1171 is in 25 Kg 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.