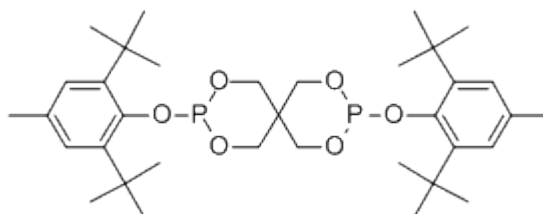# GC THANOX PEP-36

**Bis(2,6-di-ter-butyl-4-methylphenyl)-pentaerythritol diphosphite**

Chemical Formula $C_{35}H_{54}O_6P_2$

CAS nr. 80693-00-1



GC THANOX PEP-36 is a phosphite antoxidant which provides high thermal stability during processing and resistance against hydrolysis. GC THANOX PEP-36 can be used in combination with hindered phenols. Provides an excellent protection from discoloration of polymers. GC THANOX PEP-36 is recommended for polyolefins (PP, TPO, HDPE), styrenic polymers (ABS / HIPS), and engineering plastics (PBT, PC, PET, ABS; PA).

PHYSICAL-CHEMICAL PROPERTIES

| | |
|---|---|
| Appearance | White crystalline powder |
| Assay, % | 98.0 min |
| Phosphor content,% | 9.6 ± 0.3 |
| Melting point,℃ | 234.0  240.0 |
| Acidity, mg KOH/g | 1.0 max |
| Volatiles,% | 0.5 max |

HANDLING AND STORAGE: The processing and use of GC THANOX PEP-36 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC THANOX PEP-36 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 PEP-36 is in 25 Kg.

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 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.