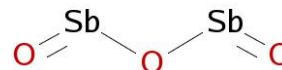


## GC TRIOSSIDO DI ANTIMONIO

### Diantimony trioxide



Chemical Formula	Sb <sub>2</sub> O <sub>3</sub>
Molecular Weight	291.52
CAS registry number	1309-64-4

**GC TRIOSSIDO DI ANTIMONIO** is a high quality flame retardant. **GC TRIOSSIDO DI ANTIMONIO** is also available as masterbatch variant. **GC TRIOSSIDO DI ANTIMONIO** finds application as flame retardant or synergist often in combination with brominated flame retardants in the plastics industry and electrical equipment and household appliances sector like PVC, PP, PE, PS, ABS, PU, etc. Besides, it is used as filling agent and flame retardant in several fields: rubber, ceramic, enamels, textiles, fiber products, varnish industry and other coatings.

#### PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder
Purity, %	Min. 99.0
As content, %	Max 0.1
Pb content, %	Max 0.1
Density, g/cm <sup>3</sup>	5.3-5.7
Melting Point, °C (subl.)	656
Humidity, %	Max. 0.15
Solubility in water, g/100 ml@20°C	Max 0.1
Particle size distribution D <sub>50</sub> , µm	0.6-1.5

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

**PACKAGING:** Standard pack size of GC TRIOSSIDO DI ANTIMONIO is 25 Kg in plastic-lined paper bags.

**IMPORTANT NOTE:** Combination of plastic additives, fillers or pigments can have a significant influence on specific properties of the compound. 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.