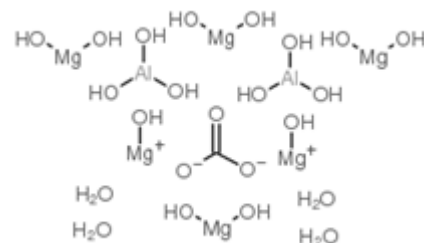


GC HT 4

Hydrotalcite

Chemical Formula $\text{Mg}_6\text{Al}_2[(\text{OH})_{16}|\text{CO}_3]4\text{H}_2\text{O}$
Molecular Weight 603.98



GC HT 4 is an inorganic filler, which is a very effective acid scavenger that used in flame retardant formulations act as a synergist and as a smoke suppressant. **GC HT 4** is a Magnesium and Aluminum hydroxide carbonate.

PHYSICAL-CHEMICAL PROPERTIES

| | |
|------------------------------------------|--------------|
| Appearance | White powder |
| Al content, % | 9-13 |
| Mg content, % | 18-22 |
| Bulk density, g/cm ³ | 0.4 ±0.1 |
| Specific Surface Area, m ² /g | 5-20 |
| Ashes @800°C, % | 58-61 |
| Moisture, % | Max. 1 |

HANDLING AND STORAGE: The processing and use of GC HT 4 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC HT 4 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 HT 4 is 20 Kg in plastic bags.

IMPORTANT NOTE: Some plastic additives, fillers or pigments can have a significant influence on flame retardant 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.