

GC PIPER

GC PIPER is a halogen free environmentally friendly flame retardant containing N and P. **GC PIPER** has a high thermal stability and a high decomposition temperature. **GC PIPER** provides excellent flame retardant properties with low smoke emission. **GC PIPER** is especially designed for polypropylene, polyethylene and other polyolefin products. **GC PIPER** works by intumescent flame retarded mechanism and compared to APP base intumescent flame retardants has better char formation ability that functions in solid phase.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder
Nitrogen Content %	Min.10
Phosphorous Content %	Min.23
Density, g/cm ³	1.5±0.05
Average Particle Size, µm	5-10
Water content, %	≤ 0.5

HANDLING AND STORAGE: The processing and use of GC PIPER requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC PIPER 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 PIPER 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 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.