GC MHP

melamine hypophosphite

Chemical Formula \( \text{C}_3\text{H}_9\text{N}_6\text{O}_2\text{P} \)
Molecular Weight 192
CAS Number 20208-95-1

GC MHP is a halogen-free flame retardant based on phosphorus and nitrogen.
GC MHP shows high thermal and light stability.
GC MHP is particularly suitable for polyolefins

PHYSICAL-CHEMICAL PROPERTIES

Appearance White powder
Assay, % > 99.0
Phosphorus Content, % > 14.0
Thermal Decomposition, °C \( \geq 260 \) (1% loss of drying)
Particle Size, µm < 10

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

IMPORTANT NOTE
Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, 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.