

GC FLAM V0

HALOGEN FREE FLAME RETARDANT

GC FLAM V0 is an intumescent flame retardant formulation based on phosphorus and Nitrogen, free of halogen and antimony. GC FLAM V0 is used in: PP homopolymer and copolymer, PP modified with elastomers, PE of all densities, EVA, elastomers and olefin thermoplastic elastomers and PUR. GC FLAM V0 has many advantages: high thermal stability, low alteration of physical-chemical properties of the compound and excellent processing in extrusion and injection molding. GC FLAM V0 formulation is free of corrosion problems, because of the absence of halogenated components.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White fine powder
Phosphor, % (w/w)	20.0-24.0
Thermal decomposition, °C	min 250
Density at 25°C, Kg/L	ca. 1.8
Water content, % (m/m)	max 0.5
Particle size medium, μ m	ca. 15

HANDLING AND STORAGE: The processing and use of GC FLAM V0 requires adequate technical and professional Knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC FLAM V0 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 FLAM V0 is in 25 Kg in plastic bags.

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.