

GC DRIPP HF 70

BLEND OF FLAME RETARDANTS

GC DRIPP HF 70 is a mixture of flame retardants. This formulation has an excellent UV and thermal stability and good colorability. The formulation has been developed to reduce the MFI increasing during processing, to improve the dispersion and thus realizing an efficient flame retardant activity in the end product.

GC DRIPP HF 70 has many advantages: high thermal stability, low alteration of physical-chemical properties of the compounds and excellent processability. The working mechanism is dripping with low smoke emission. The bromine content in this formulation is very low and it minimizes the corrosion problems.

GC DRIPP HF 70 is developed mainly for PP homo- and co-polymer and works very well with talc filled PP.

GC DRIPP HF 70 is used in concentration of 1-4%: low concentrations for PP homopolymer with high MFI, high concentrations for PP copolymer with low MFI. These dosages allow to obtain a compound with bromine content lower than 0,2%.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Powder
Color	White
Bromine content, %	≤ 10
Volatiles, %	≤ 0.3
Density @ 25°, C° g/cm ³	1.3-1.8

HANDLING AND STORAGE: The processing and use of GC DRIPP HF 70 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC DRIPP HF 70 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 DRIPP HF 70 is 25 Kg plastic bags.

IMPORTANT NOTE: Some plastic additives, fillers or pigments can influence significantly on flame retardant properties of the compound. Before using these products, please be informed. Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.

NOTE:

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