

GC SAM 55

HALOGENATED FLAME RETARDANT MIXTURE HBCD FREE

GC SAM 55 is a brominated flame retardant formulation HBCD free developed for styrenic resins, especially XPS, EPS and HIPS application.

The dripping mechanism is due to brominated aliphatic chains.

GC SAM 55 provides an excellent flame retardant properties and allows very high processing temperature.

GC SAM 55 has also been added with a synergist for decreasing the total amount of FR to be used and decreasing the Br content in final compound.

GC SAM 55 is a very concentrate product completely dust free.

GC SAM 55 meets RoHS legislation and does not contain SVHC substances.

Recommended dosage is 0,5-10%, it depends on the used polymer.

PHYSICO-CHEMICAL PROPERTIES

Appearance	Powder
Color	White to yellowish
Volatiles, %	≤ 0,5
Density at 25°, C g/cm ³	1,8 ± 0,3
Bromine content, %	61 ± 2

HANDLING AND STORAGE: The processing and use of GC SAM 55 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC SAM 55 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 SAM 55 is 25 Kg in plastic bags and 1 MT Big Bags.

Important note

Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, please be informed.
Stop machine with high temperature could create degradation of polymers.
Please clean with neutral polymers.

NOTE:

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.