

## MB PE SAM 55

### HALOGENATED FLAME RETARDANT MASTERBATCH HBCD FREE

MB PE SAM 55 is a brominated flame retardant masterbatch HBCD free in a polyethylene matrix for XPS applications. MB PE SAM 55 provides excellent flame retardant properties in combination with excellent thermal stability, thus allowing high process temperatures.

MB PE SAM 55 contains a brominated flame retardant and is supplemented with synergists that allow the reduction of the dosage and the content of halogens in the compound.

MB PE SAM 55 does not contain SVHC substances and is in accordance with the RoHS regulation.

The recommended use concentration is 1 -5%.

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#### PHYSICAL-CHEMICAL PROPERTIES

Appearance	Granular
Color	White to greyish/yellow
Volatiles, %	≤ 0.4
Specific Gravity, 25°C g/cm <sup>3</sup>	1.4 ± 0.3
Bulk Density, g/cm <sup>3</sup> @ 25°C	0.750 ± 0.3

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**HANDLING AND STORAGE:** The processing and use of MB PE SAM 55 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

MB PE 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 MB PE 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 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.