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MB PS POL 55 D

HALOGENATED FLAME RETARDANT MASTERBATCH HBCD FREE

MB PS POL 55 D is a brominated flame retardant masterbatch free of HBCD, developed for styrene resins, especially XPS application. **MB PS POL 55 D** contains a high concentration of brominated active principle combined with carefully chosen synergists in a polystyrene matrix to improve the thermal stability and the efficiency. Fire retardant principle is based on brominated aliphatic chains that activate the dripping mechanism when exposed to fire. **MB PS POL 55 D** provides excellent flame retardant properties and allows very high processing temperature. **MB PS POL 55 D** does not contain SVHC substances and meets RoHS legislation. Recommended dosage is 1-5%.

PHYSICAL-CHEMICAL PROPERTIES	
Appearance	Granular
Color	White to yellowish-grey
Density, @25°C g/cm^3	1.4 ± 0.3
Bulk Density, 25°C g/cm^3	0.750 ± 0.3
Volatiles, %	≤ 0.4

HANDLING AND STORAGE:	The processing and use of MB PS POL 55 D requires adequate technical and professional knowledge. Please consult our safety data sheet for further handling, storage and toxicity information. MB PS POL 55 D has to be stored in its original packaging in a cool and well-ventilated area, away from direct sunlight.
PACKAGING:	Standard packaging size of MB PS POL 55 D is in 25 Kg plastic bags or 1 MT Big Bags.
IMPORTANT NOTE	Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before using this product, please be informed. Machine stop at high temperatures could create degradation of polymers. Please clean with neutral polymers.

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