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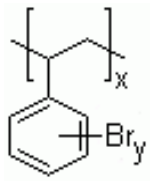
GC BPS 67



Brominated Polystyrene

Chemical Formula	n-$C_8H_{5-2}Br_{2-7}$
CAS Registry Number	88497-56-7

GC BPS 67 is a flame retardant, which provides a remarkable thermal stability and high electrical performance. It is particularly effective in engineering polymer applications such as polyesters (PA, PET, and PBT). Due to its polymeric structure, it does not cause blooming effects.
GC BPS 67 also provides excellent electrical properties.

PHYSICO-CHEMICAL PROPERTIES			
Appearance	Powder / granules		
Color	White		
Br, %	min 65		
Melting point, °C	265 - 320		
Softening point, °C	min 130		
Volatiles, %	max 0.2		
TGA (10 mg @ 10°C/min under N_2)	Weight Loss	1 %	5 %
	Temperature	339 °C	365°C

HANDLING AND STORAGE:	The processing and use of GC BPS 67 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC BPS 67 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight. GC BPS 67 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 BPS 67 is in 25 Kg in plastic bags or 1 MT Big Bag.
IMPORTANT NOTE	Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before using these products, please be informed. Machine stop at high temperatures could create degradation of polymers. Please clean with neutral polymers.

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