

Milebrome 3010 & 9010 (S)

Chemical name : Brominated Polystyrene (BPS)
CAS number : 88497-56-7
Molecular formula : $(C_8H_{5.3}Br_{2.7})_n$

Specification

Item	Unit	Milebrome 3010 (S)	Milebrome 9010 (S)
Appearance		Granular / Powder	Granular / Powder
Bromine content	%	Min. 66 (64)	Min. 66 (64)
Molecular weight		Approx. 50.000	Approx. 280.000
Soft Point	°C	160 - 190	200 – 230
Max. processing temperature	°C	270 - 290	290 – 310
LOD	%	Max. 0.3	Max. 0.3

Application

Milebrome 3010 and 9010 flame retardants provide outstanding thermal stability and electrical performance. They are particularly suitable for engineering plastic applications such as polyesters (PET, PBT, PCT) and polyamides (nylons).

These flame retardants are an ideal choice for high temperature applications. Due to their stability, they can often be used where other flame retardants fail to survive. As a result of their polymeric structures, Milebrome 3010 and 9010 flame retardants are non-blooming in all applications. Excellent electrical properties provide yet another reason to choose these flame retardants for demanding engineering plastic applications.

Packing

25kg nett bags, 1mt nett pallets