

Sodium Antimonate ST-FS-SA

Product Profile

ST-FS-SA is the recommended antimony synergist to flame-retardant acid-sensitive polymers such as PET, PBT, PC and certain polyamides. It has very low reactivity.

Molecular Formula: NaSbO_3

Molecular Weight: 192.74

CAS No.: 15432-85-6

Specification

Item	Unit	Value
Appearance		white crystalline powder
Sb	%	≥ 60.0
Pb	%	≤ 0.05
As	%	≤ 0.02
Fe	%	≤ 0.005
Cu	%	≤ 0.005
Cd	%	≤ 0.001
Cr	%	≤ 0.001
Volatile Content (105°C, 2hrs)	%	≤ 0.8

Application

ST-FS-SA has very low reactivity. This is a major advantage in acid-sensitive polymers, such as PET, PC which conventional antimony trioxide synergist can promote depolymerization during processing.

ST-FS-SA has relatively low refraction index. It offers little opacity to the plastics.

Another desirable feature of ST-FS-SA is exceptionally low tint strength which permits color pigments to exercise their maximum effect. Excellent blacks, greens, maroons, wines and other reds can be produced with less pigment than previously required. In many cases, the coloring costs of compound can be lowered significantly by using ST-FS-SA.

Package & Storage

25kg/package. Transported as the common chemicals. Keep in dry, cool place.