

Antimony Base Flame Retardant Synergist ST-FS-A330T (Exclusive Use for PVC)

Product Profile

Most formulas of soft PVC products are using antimony trioxide (ATO) as flame retardant synergist. ST-FS-A330T is specially designed for replacing ATO in PVC wire & cable application. This product can not only save the cost obviously, but also has less content of lead, arsenic and other heavy metals than ATO.

Specification

Item	Unit	Value
Appearance		white powder
Average particle size (D50)	μm	3.0-6.0
Whiteness		≥93.0
Volatile Content (105℃, 2hrs)	%	≤0.3
As ₂ O ₃	%	≤0.01
PbO	%	≤0.03

Application

ST-FS-A330T is specially used in s-PVC to replace the ATO directly by the same ratio.

The wires or cables compounds which use ST-FS-A330T to replace ATO can match the test standard on LOI value.

ST-FS-A330T has excellent thermal stability. The mechanical and electrical properties with this product can match the requirements of wires & cables.

Package & Storage

20kg/package. Transported as common chemicals. Keep in dry and cool place.

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