 TECHNICAL DATD SHEET

[WWW.BETACHEM.CN](http://WWW.BETACHEM.CN)

**BETA** **SFR-ATO**

**Modified Antimony trioxide**

**COMPOSITON**

Beta SFR-ATO is a physically modified antimony trioxide product.

**PROPERTIES**

Appearance

Medium particle size D50，μm

White powder

<5

Water content，%

＜1.0

Active ingredient % >98

**APPLICATION**

* Beta SFR-ATO has the lower heavy metal content than the common antimony trioxide product and meet the EU ROHS and Reach requirements.
* Compared with antimony trioxide, The performance of flame resistance, smoke elimination and anti-drop are excellent.
* Good process performance, it is easy to flow and disperse well.
* Beta SFR-ATO can be directly used as flame retardant in halogen rubber , plastic(PVC, NBR / PVC, CPE, CR) and other products. It also can be used in non-halogen products (EPDM, SBR, NR, IIR) require bromine flame retardant (dibenzene ether, chlorbromodibenzene ethane, chlorofaffin).
* Beta SFR-ATO can also be used in general plastics and engineering plastics, such as PP, PE, PET, PA to replace antimony trioxide.

**RECOMMENDATION**

* Beta SFR-ATO can be directly used as flame retardant in PVC, CR, CSM, CPE etc.
* In NR, EPDM, SBR, NR etc. Beta SFR-ATO should be used with halogen flame retardant agents such as ten bromide ethane, ether, chlorofaffin.
* Beta SFR-ATO should be used with halogen products in PP, PE, ABS, EVA, PA and other plastics.

**PACKAGE**

25 kg, carton.

**STORAGE**

In a cool, ventilated and dry place. stable storage, it is valid for 2 years.