

Antimony Trioxide Masterbatch with EVA Carrier ST-FS-2513

Product Profile

ST-FS-2513 is a kind of antimony trioxide (ATO) masterbatch with EVA as carrier resin, and the content of ATO is 85%, specially used in PE, EVA systems. All specifications can meet the requirements of European environmental protection.

Specification

Item	Unit	Value
Appearance		white granule
Density	g/cm ³	3.1-3.4
Volatile Content (105°C, 2hrs)	%	≤0.1
ATO* Content	%	84.0-86.0
Carrier Resin		EVA

*Index

Item	Unit	Sb ₂ O ₃ 99.80%
Sb ₂ O ₃	%	≥99.80
As ₂ O ₃	%	≤0.05
PbO	%	≤0.05
Fe ₂ O ₃	%	≤0.003
CuO	%	≤0.002
Se	%	≤0.001
Whiteness		≥95
Average Particle Size (D50)	μm	≤0.8

Feature

ST-FS-2513 is a kind of environmentally friendly masterbatch. All specifications can meet the requirements of EU RoHS.

It can avoid the powder contamination during processing. The granule size distribution is very narrow. It is suitable for mixing and feeding.

Because of the high content of antimony trioxide (ATO) and use EVA as carrier resin, it is very easy to be dispersed in PE/EVA systems. It does not affect the mechanical properties and flame-retardant effect of the system.

It could be applied in PE, PP, PC, ABS, PS, PA, PBT, PET, etc.

Disclaimer: All information given and recommendations made herein are based on data which is believed to be reliable. This data is offered in good faith and typical of normal production. The user is solely responsible for the use of this product. It is written and explained by the Anhui Star-Better New Material Technology Co., Ltd., and reserves the right to change the content of this article as necessary, please refer to the latest version of information. It was published in Dec, 2023. Version 2.1.

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

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