

VENLOFR-ATO

PRODUCT IDENTIFICATION

- **Chemical Name:** Antimony Trioxide
- **Physical Form:** White Powder
- **CAS Number:** 1309-64-4

VENLOFR-ATO is a high quality, performance grade of ATO used as a flame-retardant synergist and also suitable for other applications.

SPECIFICATION

Properties	Test Methods	Units	Values
Density (25°C)	ASTM D 792	gr/cm ³	5.4±0.02
Melting Point	ASTM D127-08	°C	655
Boiling Point	ASTM D7169-11	Mm/Hg	1425
Vapour Density	ASTM D5191	-	10
Water Solubility	ASTM E1148-02	-	Slight
Sb ₂ O ₃	-	%	min. 99.80
Pb	-	%	max. 0.074
As	-	%	max. 0.045
Fe	-	%	max. 0.005
Cu	-	%	max. 0.003
Whiteness	-	-	96

APPLICATIONS

● VENLOFR-ATO is used in a wide variety of industrial applications, as a synergist with flame retardant chemicals, as a catalyst in the manufacture of polyester (PET), as a clarifying aid in glasses, additive in semi-conductors, as a coating used on certain grades of titanium dioxide pigments, as a component in the manufacturing of complex inorganic colored rutile pigments and, as an opacifier in cast iron bath and sinking enameling. Flame retardant resins include ABS, HIPS, PP, EVA, EPDM, PVC, rubber many other polymers.

PACKAGING & STORAGE

- Packaging: 1 pallet is 1000 kg pallets.
- VENLOFR-ATO should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C). This compound should be used within 6 months after its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

