

**Technical Data Sheet**

<b>PRODUCT NAME:</b>	<b>Antimony Trioxide HT</b>
<b>CAS N°:</b>	1309-64-4

**HT** is a high purity grade of antimony trioxide designed for more critical flame retardants applications, glass applications and ceramic pigment. It has a low content of heavy metals like As, Pb.

**Physical Properties**

Property	Unit	Typical value
Appearance		Fine white powder
Specific gravity	g/cm <sup>3</sup>	5,5
Average Particle Size	µm	1,0-1,5
Sieve residue (325 mesh)	%	< 0,010
Whiteness	%	>98

**Chemical Composition**

Property	Unit	Typical value
Antimony (calculated as Sb <sub>2</sub> O <sub>3</sub> )	%	> 99,50
Arsenic (As)	%	< 0,06
Iron (Fe)	%	< 0,003
Lead (Pb)	%	< 0,02

**Applications**

The addition of controlled amounts of **HT** to rigid and plasticized PVC compounds will confer excellent flame retardant properties. In other plastics, paints, paper and textiles that do not contain halogen, a suitable chlorinated or brominated compound should be added to obtain the required flame retardant properties. It's used in ceramics as opacifier, in paints as white pigment and in glass as fining agent.

**Packaging**

25kg bags, 40 bags per pallet. Each pallet is stretch wrapped.  
1000kg big-bags

Data as received from our supplier.  
All information is given without obligation, to our best knowledge in line with the present state of experience.  
In submitting this information no liability is assumed.

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<b>PRODUCT NAME:</b>	<b>Antimony Trioxide + 4% SP88</b>
<b>CAS N°:</b>	1309-64-4

**Antimony Trioxide+4%SP88** is the coated **phthalate free** version of high purity grade of antimony trioxide **HT** designed for more critical flame retardants applications combined with low dust emission and without using phthalate as plasticizer.

**Dry Product**

Property	Unit	Typical value
Appearance		Fine white powder
Antimony (calculated as Sb <sub>2</sub> O <sub>3</sub> )	%	> 99,5
Arsenic (As)	%	< 0,06
Iron (Fe)	%	< 0,015
Lead (Pb)	%	< 0,1
Average Particle Size	µm	1,0-1,5
Sieve residue (325 mesh)	%	< 0,010
Whiteness	%	>96

**Coated Product**

Property	Unit	Typical value
Antimony (calculated as Sb <sub>2</sub> O <sub>3</sub> )	%	> 95,50
SP88	%	3,80-4,20

**Applications**

The addition of controlled amounts of **Antimony trioxide+4%SP88** to rigid and plasticized PVC compounds will confer excellent flame retardant properties. In other plastics, paints, paper and textiles that do not contain halogen, a suitable chlorinated or brominated compound should be added to obtain the required flame retardant properties.

**Packaging**

25kg bags, 40 bags per pallet. Each pallet is stretch wrapped.  
1000kg big-bags

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