

Technical Data Sheet

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| PRODUCT NAME: | Antimony Trioxide HT |
| CAS N°: | 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 ³ | 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 ₂ O ₃) | % | > 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.