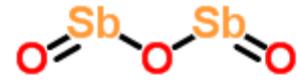


Antimony Trioxide



Technical Specifications

	Typical Content (%)
Sb₂O₃	99,50 min.
As	0,060 max.
Pb	0,100 max.
Fe	0,015 max.
Cu	0,010 max.
Whiteness	> 96 %
Apparent density	0,5 - 1 g/cm ³
Humidity	< 0,1 %
Absolute density	5,6 g/cm ³
Average particle size	1,2 ± 0,3 μm
Sieve residue (325 mesh):	< 0,01 %

Other Characteristics

Appearance:	White powder
Chemical Name:	Di-antimony Trioxide
Molecular formula:	Sb ₂ O ₃
Molecular weight:	291,518 g/mol
Melting point:	656 °C
Boiling point:	1.425 °C
CAS N°:	1309-64-4
EINECS N°:	215-175-0

Packaging

25 Kg net in bags on palets of 1.000 kgs.
1.000 Kg big bag on palets.
(Dampened product can NOT be packed in big bags)

ANTIMONY TRIOXIDE (Dampened)

Wetted qualities on plasticisers, typically 4% DIDP are available.

Main Application

Antimony trioxide (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.

Remarks

All our products shall be labelled with product name, reference number and net weight. Each delivery is accompanied by a certificate of analysis and the delivery note.

The information and data contained herein have to be considered as guidelines only and typical values. To get exact data, customers must refer to certificate of analysis of each single lot.

COMETAL, S.A.

- C/José Lázaro Galdiano 4
- 28036 Madrid (Spain)
- Ph: +34 91 4585980
- Fax: +34 91 4585987

- cometal@cometalsa.com
- www.cometalsa.com
- VAT Nr ESA28117026

