

TECHNICAL DATA SHEET / SPECIFICATIONS

BRIEF DESCRIPTION:

Antimony Trioxide 99.8% powder; it is used as a co-synergist with halogenated flame retardants to enhance their effectiveness. It is used as flame retardant synergist in PVC wire and cable, in plastics, rubber, textiles, adhesives etc.

TYPICAL PROPERTIES:

PARAMETER	TEST METHOD	SPECIFICATIONS
<u>CHEMICAL</u>		
➤ Total content of Antimony oxide	Calculated	99.80 % min.
➤ Lead (Pb)	A.A.S	0.10 % max.
➤ Arsenic (As)	A.A.S	0.08 % max.
➤ Iron (Fe)	A.A.S	0.003 % max.
<u>PHYSICAL</u>		
➤ Color & Appearance	Fine white powder	Fine white powder.
➤ Average particle size	Fisher sub sieve	1.1 Micron max.
➤ Bulk density	Measuring cup	0.5 - 1.0 gyms/cc
➤ Sieve Refusal (ASTM 325 mesh)	ISO 787-7	0.01 % max.
➤ Transmission @475 nm	-----	90.0 % min
<u>COLOR</u>		
➤ L value	Hunter scale	93.0 min.
➤ b value	Hunter scale	1.90 max.

The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results to be obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will make your own test.

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USAGE/APPLICATIONS:

Excellent flame retardant for plastics and rubber, laminates, insulation, paints & varnishes, paper and textiles, in combination with a halogen source. Opacifying agent for enamels and ceramic pigments, paints and printing inks. Its fine particle size gives a good reactivity in the preparation of antimony-based pigments.

PACKING:

Standard packing - 25 kg HDPE Laminated Paper bags, 1MT PP Jumbo bags
We can also supply in special packing as per customer's requirement.

STORAGE & HANDLING:

Store in a clean and cool dry place with proper name, weight, and trade mark and batch number.

PRODUCT SAFETY INFORMATION:

The usual precautions for handling chemicals should be observed. For further details, please refer to Material Safety Data Sheet.

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Page No.	2 of 2