



## CharFlam<sup>®</sup> ATO

### Antimony Trioxide

CharFlam<sup>®</sup> ATO is a high purity grade of antimony trioxide manufactured under controlled conditions and from high purity raw materials.

Antimony Trioxide

CAS Reg. Number [1309-64-4]

#### Typical Properties

Appearance	Fine White Powder
Specific Gravity	5.5
Average Particle Size (Fisher SSS method)	0.8 - 1.3 microns
Sieve Residue < 325 mesh	0.05 max

Sb<sub>2</sub>O<sub>3</sub>

#### Typical Composition

Antimony Trioxide	99.8% min
Arsenic	0.08% max
Lead	0.08% max
Iron	0.004% max

### Applications

CharFlam<sup>®</sup> ATO is an effective flame retardant synergist when used in conjunction with suitable brominated or chlorinated compounds or resins.

### Packaging

Standard packaging is 25 kg bags and 2,200 lb super sacks. Packages are on skids with stretch wrap. Special packages are available upon request.

### Health & Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool dry, well ventilated area away from incompatible materials. For additional handling and toxicological information, consult the St. Louis Group Material Safety Data Sheet.

This information is believed to be an accurate and reliable representation of the products average properties and it is offered in good faith but without guarantee and may be modified by later findings. The manufacturer makes no warranties, express or implied, regarding the accuracy, completeness, or adequacy of the information contained herein. Any recommendations or suggestions are also made without warranty or guarantee, since the conditions of use are beyond our control. It is the obligation of the customer/user to make its own assessment to determine suitability of use for any purpose, including, the appropriate health, safety, disposal, and environmental precautions necessary in each products intended use(s).