



BRIGHTSUN™ UF Antimony Trioxide

BRIGHTSUN™ UF is a submicron, high performance grade of antimony trioxide.

CHARACTERISTICS

Sb ₂ O ₃ , %	99.6 min	
Lead – Pb, %	0.08 max	
Arsenic – As, %	0.08 max	
Iron – Fe, %	0.002 max	
Sulfate – SO ₄ , %	0.001 max	
Melting Point	656°C, 1213°F	Not Reported on the COA
Specific Gravity	5.3	Not Reported on the COA
Bulk Density lbs/ft ³ (approx.)	35	Not Reported on the COA
Specific surface area, m ² /g	10 – 15	Not Reported on the COA
325 mesh residues, %	0.05 max	
Average Particle Size, microns	0.2 – 0.5	

APPLICATIONS

The fine particle size of **BRIGHTSUN™** UF offers minimum loss of physical properties in flame retardant thermoplastics such as ABS, high-impact polystyrene (HIPS) and PBT. It is highly effective in liquid systems such as unsaturated polyester, epoxies, polyurethanes, phenolics, flame retardant coating and textile treatments. The tinting strength is slightly greater than **BRIGHTSUN™** HB.

PACKAGING

25kg multi-layer paper bags, polyethylene bags, super sacks (500 and 1000 kgs). Packages are on skids with stretch wrap. Custom packaging is available upon request.

HEALTH AND SAFETY

Material Safety Data Sheets (MSDSs) available upon request.

The above statements and methods are based upon the best available data and practices known to China Antimony Chemicals Co., Ltd. at the present time, but are not representations, results or comprehensiveness of such data, nor do they imply any recommendations to infringe any offer of license under any patent. China Antimony Chemicals Co., Ltd. strongly recommends that, before using or handling the above-mentioned products, one should read and understand the precautionary and other information on the product label as well as the Material Safety Data Sheet. The above-mentioned products are intended for industrial uses only. They are potentially hazardous materials and must be kept out of reach of children.

China Minmetals Nonferrous Metals Co., Ltd.

No.5, Sanlihe Road, Haidian District, Beijing 100044, China

Tel: 86-10-68495302, 68495802 Fax: 86-10-68494276 E-mail: antimony@minmetals.com

<http://www.chinaantimony.com.cn>

Reliable and ResponsibleSM

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60 S. Seiberling Street • Akron, Ohio 44305