



antimony trioxide flame retardant grade low tinting strength

# AMSPEC LTS

## Typical Chemical Composition

Minimum Total Sb <sub>2</sub> O <sub>3</sub> (%)	99.5
Maximum Impurity Levels	
Arsenic, As (%)	0.10
Lead, Pb (%)	0.10
Selenium, Se (ppm)	50
Iron, Fe (ppm)	60

## Typical Chemical Properties

Specific Gravity	5.2 – 5.7
Average Particle Size (m)	1.6 – 3.0
Color	
Minimum L value	90.0
Minimum a value	-1.5
Maximum b value	4.0
325 Mesh (%)	0.1

## Description

Amspec LTS is a grade of antimony trioxide appropriate for use as a flame retardant synergist used in combination with a source of halogen. Many materials utilize its flame retardant properties including plastics, rubber, paints, paper, textiles and electronics. Antimony trioxide is appropriate for use in PP, PE, EPDM, PVC, HIPS, ABS, polyurethanes, phenolics, epoxies, and many others.

LTS is specifically for applications where you need the tinting strength of the antimony trioxide to be minimized. This low tinting strength grade means you can use less pigment to achieve your desired color specification.

For any handling and storage questions please see the Amspec Material Safety Datasheet for this product.

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