



antimony trioxide catalyst grade

AMSPEC SELECT

Typical Chemical Composition

Minimum Total Sb ₂ O ₃ (%)	99.8
Minimum Total Sb+3 (%)	83.4
Maximum Impurity Levels	
Arsenic, As (ppm)	350
Lead, Pb (ppm)	425
Selenium, Se (ppm)	10
Bismuth, Bi (ppm)	30
Iron, Fe (ppm)	40
Copper, Cu (ppm)	30
Tin, Sn (ppm)	20
Sodium, Na (ppm)	100
Nickel, Ni (ppm)	30

Description

Amspec Select is a higher purity grade of antimony trioxide compared to Amspec KR antimony trioxide. Amspec Select can be used in flame retardant applications where lead levels are of concern, like in Europe to meet the requirements of the RoHS Directive. The Select is also used as a catalyst in PET production.

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

Typical Chemical Properties

Specific Gravity	5.2 – 5.7
Average Particle Size (m)	0.2 – 2.0
Color	
Minimum L value	90.0
Minimum a value	-1.5
Maximum b value	4.0
325 Mesh (%)	0.1
Minimum Ethylene Glycol Light Transmittance (%)	93.0

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The information contained in this publication gives typical analysis based on historical production performance. The user assumes all risk because the conditions of use are beyond Amspec Chemical Corporation's control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering a material or its use. Consult any relevant material safety datasheets before handling this product.