



TARGET ANTIMONY INGOT (Sb)

Product Name: Antimony Ingot

Chemical Symbol:Sb

Atomic Weight:121.76 g/mol

HS Code:8110.10.00

Physical Properties

Property	Specification
Appearance	Silver-grey metallic ingots
Form	Cast ingots
Density	6.68 g/cm ³
Melting Point	630.6 °C
Boiling Point	1587 °C
Electrical Conductivity	Low
Brittleness	High



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Typical Chemical Composition

Element	Specification
Antimony (Sb)	$\geq 99.65 \%$
Arsenic (As)	$\leq 0.10 \%$
Lead (Pb)	$\leq 0.05 \%$
Sulphur (S)	$\leq 0.03 \%$
Copper (Cu)	$\leq 0.005 \%$

Standard Ingot Size

- 3.5 kg – 4 kg per ingot



TARGET ANTIMONY INGOT (Sb)

Applications

- Lead-acid battery alloys
 - Flame retardant compounds
 - Bearing metals
 - Cable sheathing alloys
 - Ammunition & solder alloys
 - Chemical & metallurgical industries
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Packaging

- Plastic-wrapped bundles
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Storage & Handling

- Store in dry conditions
 - Avoid contact with acids and oxidizers
 - Handle with gloves to avoid surface contamination
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Shelf Life

Unlimited under proper storage conditions