



**NT HIGH PURITY REFINED SILVER ANODES**



**CHEMICAL COMPOSITION**

**MATERIAL:** Pure Refined Silver Anodes  
**TRADE NAME:** 99.99 Refined Silver  
**ASTM SPEC. #:** ASTM B 413-97A  
**CROSS REF:** n/a

		Min.	Max.
Ag	Silver -----	99.99	
Sb	Antimony ----		<0.01
Cu	Copper -----		<0.01
Pb	Lead -----		<0.001
Fe	Iron -----		<0.001
Bi	Bismuth -----		<0.0005
Au	Gold -----		<0.0005
Pd	Palladium ----		<0.001
Cd	Cadmium ----		<0.05
Te	Tellurium ----		<0.005
Se	Selenium -----		<0.005

**NT PURE SILVER PRODUCTS**

- Anodes- Bars or Balls
- Bars & Ingot- 1 lb. to 5 lb.
- Shot- 1/8" x down
- Flakes
- Mossy

**NT SILVER ALLOYS**

- Lead-Free Solder Alloys- bar, ingot, wire
- Casting Alloys- bar, ingot

SPEC NO: NT High Purity Silver  
 Rev: 2 Date: 10/14/2009  
 Approved By:  
 Ben Etherington; VP, Operations

**PHYSICAL PROPERTIES**

Melting Temp (°F) - 1761  
 Melting Temp (°C) - 960  
 Boiling Point (°F) - 3624  
 Boiling Point (°C) - 2001  
 Density (lbs/in<sup>3</sup>) - 0.380  
 Specific Gravity (g/m<sup>3</sup>) - 10.50  
 Brinell Hardness - 24.5 MPa  
 Mohs Hardness - 2.5 MPa  
 Vickers Hardness - 251 MPa

Please direct your sales and technical inquires to (215) 821-8461

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Quality Since 1789



Nathan Trotter & Co.  
 Non-Ferrous Metals

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NATHAN TROTTER IS ISO 9001:2008 REGISTERED