



GRADE A TIN ANODE BARS- 1" x 4"



CHEMICAL COMPOSITION

MATERIAL: Grade A tin anode bars
FORM/SHAPE: 1" x 4" x length
ASTM SPEC. #: ASTM B339-00
MISC: extruded 1" x 4" bars, d&t- 3/8"x16

		Min.	Max.
Sn	Tin -----	99.952	
Sb	Antimony ----		<0.0195
Cu	Copper -----		<0.0042
Pb	Lead -----		<0.0143
Fe	Iron -----		<0.0011
As	Arsenic -----		<0.0009
Bi	Bismuth -----		<0.0019
Zn	Zinc -----		<0.0004
Al	Aluminum ----		<0.0004
Cd	Cadmium -----		<0.0002
Ni	Nickel -----		<0.0001
Ag	Silver -----		<0.0002

** The above lab report is an actual analysis of tin received

PACKAGING OPTIONS

- Extruded anode bars- 1" x 4" x length
- Standard drill & tap- 3/8" x 16 thread
- Pallets- securely banded, shrink wrapped
- Custom or additional holes are available

CERTIFICATION

- Only 100% virgin metals in our process
- Chemical analysis provided w/shipment
- Lab service available for pot samples

SPEC NO:NT Grade A Tin Anodes-1x4

Rev: 2 Date: 10/14/2009

Approved By:

Ben Etherington; VP, Operations

PHYSICAL PROPERTIES

Melting Temp (°F) - 450
 Melting Temp (°C) - 232
 Pouring Temperature (°F) - 575-625
 Boiling Point (°F) - 4118
 Boiling Point (°C) - 2270
 Density (lbs/in³) - 0.264
 Specific Gravity (g/m³) - 7.30
 Brinell Hardness - 4.6
 Tensile Strength (tons./in.²) - 0.94

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

Daryl Williams- daryl@nathanrotter.com

Quality Since 1789



Nathan Trotter & Co.
 Non-Ferrous Metals

241 West Stewart Huston Drive • Coatesville, PA. 19320
 Tel#: (215) 821-8461 • Fax#: (215) 701-0807 • www.nathanrotter.com

NATHAN TROTTER IS ISO 9001:2008 REGISTERED