



NT GRADE A TIN- 1 LB BARS



CHEMICAL COMPOSITION

MATERIAL: Grade A tin 1 lb. bars
FORM/SHAPE: 3/4" x 1/2" x 13"
ASTM SPEC. #: ASTM B339-00
MISC: cast bars

		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

- Bars- meter bar, 1 lb., 5 & 7 lb. notch bar
- Pallets- securely banded, shrink wrapped
- Boxes- 50# each
- Labels- Each box individually labeled

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- 1 lb Bars

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@nathantrötter.com

Quality Since 1789



Nathan Trotter & Co.
 Non-Ferrous Metals

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