



CHEMICAL COMPOSITION

MATERIAL: 99.99 Ultra - Pure Tin Anode Balls

FORM/SHAPE: 3/4" Diameter Balls

ASTM SPEC. #: ASTM B339-00

MISC: For Low - Lead Applications

| | | Min. | Max. |
|----|---------------|--------|----------|
| Sn | Tin ----- | 99.991 | |
| Sb | Antimony ---- | | <0.0015 |
| Cu | Copper ----- | | <0.0002 |
| Pb | Lead ----- | | <0.0031 |
| Fe | Iron ----- | | <0.0009 |
| As | Arsenic ----- | | <0.0001 |
| Bi | Bismuth ----- | | <0.0021 |
| Zn | Zinc ----- | | <0.0001 |
| Al | Aluminum ---- | | <0.0001 |
| Cd | Cadmium ---- | | <0.0001 |
| Ni | Nickel ----- | | <0.00001 |
| Ag | Silver ----- | | <0.00001 |

** The above lab report is a typical analysis of the material

PACKAGING OPTIONS

- 3/4" diameter anode balls (19mm dia.)
- Boxes- 50# each
- Pails- 50#- 100#- 250# each
- Drums- 500# & 1000# metal or plastic
- Pallets- securely banded, shrink wrapped

CERTIFICATION

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

SPEC NO: NT Ultra Pure Tin Balls 3/4"

Rev: 3 Date: 2015

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

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Quality Since 1789

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