



**NT 63Sn/37Pb Hanging Anodes**



**CHEMICAL COMPOSITION**

**MATERIAL:** 63Sn/37Pb Ultra-Pure Anodes  
**TRADE NAME:** NT Ultra-Pure 63Sn/37Pb  
**SPECIFICATION:** J-STD-006  
**CROSS REF:** N/A

		Min.	Max.
Sn	Tin -----	62.50	63.50
Sb	Antimony ----		<0.30
Cu	Copper -----		<0.001
Pb	Lead -----		Balance
Fe	Iron -----		<0.002
As	Arsenic -----		<0.001
Bi	Bismuth -----		<0.005
Zn	Zinc -----		<0.001
Al	Aluminum ----		<0.001
Cd	Cadmium ----		<0.001
Ni	Nickel -----		<0.001

**STANDARD ANODE SIZES / SHAPES**

- Bars- 1" x 4" or 1" x 3" cut to length
- Ovals- 1.5" x 3" cut to length
- Stars- 12 pt or 16 pt cut to length
- D Shaped, Waffle, & Basket Anodes

**CERTIFICATION**

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

SPEC NO: NT 63/37 Anodes  
 Rev: 2 Date: 10/14/2009  
 Approved By:  
 Ben Etherington; VP, Operations

**PHYSICAL PROPERTIES**

Melting Point (°F) - 361  
 Melting Point (°C) - 183  
 Density (lbs/in<sup>3</sup>) - 0.301  
 Specific Gravity (g/m<sup>3</sup>) - 8.34  
 Tensile Strength (MPa) - 54  
 Shear Strength (MPa) - 37  
 Izod Impact Strength (J) - 20.30  
 Thermal Conductivity (W/m-k) - 40.09  
 Elastic Modulus (GPa) - 31.50  
 Electric Resistivity (10<sup>-9</sup>ohm-m) - 144

Please direct your sales and technical inquires to (610) 524-1440



**Quality Since 1789**



**Nathan Trotter & Co.**  
 Non-Ferrous Metals

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**NATHAN TROTTER IS ISO 9001:2008 REGISTERED**