



### CHEMICAL COMPOSITION

**MATERIAL:** Pure Bismuth  
**FORM/SHAPE:** Pure Bismuth  
**ASTM SPEC. #:** ASTM B 974  
**MISC:** N/A

		Min.	Max.
Bi	Bismuth -----	99.99	
Sb	Antimony -----		<0.0005
Cu	Copper -----		<0.0010
Pb	Lead -----		<0.0010
Fe	Iron -----		<0.0010
As	Arsenic -----		<0.0003
Zn	Zinc -----		<0.0005
Cl	Chlorine -----		<0.0015
Te	Tellurium -----		<0.0003
Ni	Nickel -----		<0.0001
Ag	Silver -----		<0.0040

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

### PACKAGE OPTIONS

- Slab & Ingot- 25-30 lb. each
- Shot- 1/8" x down
- Granular/Crushed- 1/2" x down

### CERTIFICATION

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

SPEC NO: NT Pure Bismuth  
Rev: 3 Date: 2015  
Approved By:  
Ben Etherington; VP, Operations

### PHYSICAL PROPERTIES

Melting Temp (°F) - 520  
Melting Temp (°C) - 271  
Boiling Point (°F) - 2642  
Boiling Point (°C) - 1450  
Density (lbs/in<sup>3</sup>) - 0.3541  
Specific Gravity (g/m<sup>3</sup>) - 9.80  
Brinell Hardness - 94.2 MPa  
Mohs Hardness - 2.25 MPa  
Vickers Hardness - N/A

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

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