



ASTM GRADE 2 BABBITT METAL (LOW-LEAD)



CHEMICAL COMPOSITION

MATERIAL: 89Sn/7.5Sb/3.5Cu
TRADE NAME: Grade 2 Babbitt (Low-Lead)
ASTM SPEC. #: ASTM B23-00 Alloy 2
CROSS REF: QQ-T-390A Grade 2

		Min.	Max.
Sn	Tin -----	88.00	90.00
Sb	Antimony ----	7.00	8.00
Cu	Copper -----	3.00	4.00
Pb	Lead -----		<0.20
Fe	Iron -----		<0.08
As	Arsenic -----		<0.10
Bi	Bismuth -----		<0.08
Zn	Zinc -----		<0.005
Al	Aluminum ----		<0.005
Cd	Cadmium ----		<0.05
Ni	Nickel -----		<0.05

PACKAGING OPTIONS

- Bars- 5 lb. & 7 lb. notch bar, 25 lb. ingot
- Pallets- securely banded, shrink wrapped
- Boxes- 50# each (if required)
- 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 2 Babbitt
 Rev: 2 Date: 10/14/2009
 Approved By:
 Ben Etherington; VP, Operations

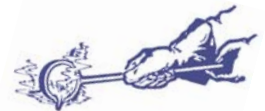
PHYSICAL PROPERTIES

Solidus (°F) - 466
 Liquidus (°F) - 669
 Pouring Temperature (°F) - 795-805
 Density (lbs/in³) - 0.2667
 Specific Gravity (g/m³) - 7.39
 Brinell Hardness - 24.5/12
 Tensile Strength (lbs./in.²) - 9,200
 Elongation % - 8.0
 Compressive Strength (tons/in²) - 6.44

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

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