

LEAD, LEAD ALLOYS & LEAD BABBITTS...

for use in Alloying, Bearings and Non-Ferrous Castings

NATHAN TROTTER LEAD PRODUCTS



GENERAL DESCRIPTION

Nathan Trotter & Company, Inc. manufactures a wide variety of Lead Products & Lead Alloys for use in alloying, bearings, counter-balance weights & other specialized applications. All NT lead products are engineered and produced using 100% virgin metals & certified to meet industry standards & customer specifications. All of our alloys are produced under rigid quality measures using virgin lead and other base metals. This insures our customers receive a quality alloy that is consistent each and every order. A complete certificate of analysis from our state-of-the-art laboratory is provided with every shipment. Please contact us for your Fusible Alloy needs.

ADDITIONAL NT LEAD-RELATED PRODUCTS

- Lead & Chrome Anodes for Electroplating
- Antimonial-Lead Alloys
- Lead-Base Babbitt Wire- .125"; .187" diameters
- Lead Shot
- Lead Powder



PACKAGING

- Cast bars- 1/4 lb. sticks to 5 lb. bars
- Ingots- 5 lb. bars to 50 lb. ingots
- We also produce numerous custom shapes/sizes to customers' specifications

LEAD TIME & DELIVERY

Lead time for most orders is typically less than one week. To meet the needs of rush orders, inventories of traditional bar sizes and lead alloys are kept in stock at Nathan Trotter in Coatesville, PA. to provide typical next day shipping.

NT CAN RECYCLE YOUR LEAD SCRAP

Nathan Trotter offers a scrap buy-back schedule which enables our customers to sell back scrap materials. We offer our customers fair and reasonable market values in addition to prompt settlements or credits.

LEAD POT ANALYSIS AND SAMPLING

Nathan Trotter has a state-of-the-art in-house lab that is available to assist in helping to monitor your pots or resolve casting issues. Customers can take full advantage of sending us your pot samples in order to have us determine the consistency of their material once it is in use. Typical response on samples assays is 2-3 days upon receipt, sooner if necessary.

COMPOSITION OF COMMON LEAD & LEAD BABBITT ALLOYS

ELEMENT	ASTM B 29 - 92 Common Lead	ASTM B 29 - 92 Chemical Lead	#4 HARWARE BABBITT METAL 10Sb/90Pb	ASTM GRADE 4 BABBITT METAL 75Sn/12Sb/3Cu/10Pb	ASTM GRADE 7 BABBITT METAL 10Sn/15Sb/75Pb	ASTM GRADE 8 BABBITT METAL 5Sn/15Sb/80Pb	ASTM GRADE 15 BABBITT METAL 1Sn/15Sb/1As/83Pb
Tin	<0.001	<0.001	<0.05	Balance	9.3 - 10.7	4.5 - 5.5	0.8 - 1.2
Antimony	<0.001	<0.001	9.3 - 10.7	11.0 - 13.0	14.0 - 16.0	14.0 - 16.0	14.5 - 17.5
Lead	99.90 min	99.94 min	Balance	9.3 - 10.7	Balance	Balance	Balance
Copper	<0.0015	0.04 - 0.08	<0.5	2.5 - 3.5	<0.50	<0.50	<0.60
Iron	<0.001	<0.002	<0.08	<0.08	<0.10	<0.10	<0.10
Arsenic	<0.001	<0.001	<0.25	<0.15	0.3 - 0.6	0.3 - 0.6	0.8 - 1.4
Bismuth	<0.05	<0.025	<0.08	<0.10	<0.10	<0.10	<0.10
Zinc	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Aluminum	—	—	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	—	—	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	<0.005	<0.02	<0.001	<0.001	<0.001	<0.001	<0.001

NATHAN TROTTER IS ISO 9001 : 2008 REGISTERED

241 West Stewart Huston Drive • Coatesville, PA. 19320
Tel#: (215) 821-8461 • Fax#: (215) 701-0807 • www.nathantrrotter.com



Nathan Trotter & Co.
Non-Ferrous Metals

For quotes, orders or technical assistance call (215) 821-8461
Daryl Williams
daryl@nathantrrotter.com