



CHEMICAL COMPOSITION

MATERIAL: 91.75Sn/8Sb/.25Cu
TRADE NAME: Britannia Pewter
ASTM SPEC. #: ASTM B560-00
CROSS REF: American Fine Pewter

| | | Min. | Max. |
|----|---------------|-------|--------|
| Sn | Tin ----- | 91.00 | 92.50 |
| Sb | Antimony ---- | 7.75 | 8.250 |
| Cu | Copper ----- | 0.25 | 0.500 |
| Pb | Lead ----- | | < 0.05 |
| Fe | Iron ----- | | <0.015 |
| As | Arsenic ----- | | <0.050 |
| Bi | Bismuth ----- | | <0.080 |
| Zn | Zinc ----- | | <0.005 |
| Al | Aluminum ---- | | <0.005 |
| Cd | Cadmium ----- | | <0.050 |
| Ni | Nickel ----- | | <0.050 |

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

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 Britannia Pewter
 Rev: 3 Date: 2015
 Approved By:
 Ben Etherington; VP, Operations

PHYSICAL PROPERTIES

Solidus (F°) - 471
Liquidus (°F) - 563
Pouring Temperature (°F) - 650-675
Density (lbs/in³) - 0.263
Specific Gravity (g/m³) - 7.28
Brinell Hardness - 23.5/11
Shear Strength – 6,700
Tensile Strength (tons./in.²) - 8,600
Elongation % - 8.5
Compressive Strength (tons/in²) - 10,900

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

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