



CHEMICAL COMPOSITION

MATERIAL: 95Sn/5Sb Bar Solder
FORM/SHAPE: 95Sn/5Sb Lead - Free Solder
ASTM SPEC. #: J - STD - 006

		Min.	Max.
Sn	Tin -----	94.50	95.50
Sb	Antimony ----	4.50	5.50
Cu	Copper -----		<0.080
Pb	Lead -----		<0.200
Fe	Iron -----		<0.010
As	Arsenic -----		<0.005
Bi	Bismuth -----		<0.005
Zn	Zinc -----		<0.001
Al	Aluminum ----		<0.001
Cd	Cadmium -----		<0.001
Ni	Nickel -----		<0.001

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

PACKAGING PRODUCTS

- Bars - meter bar, 1 lb., 5 & 7lb. Notch bar
- Pallets - securely banded shrink wrapped
- Boxes - 50 lb. each
- 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 95Sn/5Sb Bar Solder

Rev: 3 Date: 2015

Approved By:

Ben Etherington; VP, Operations

PHYSICAL PROPERTIES

Melting Temp (°F) - 453 Solidus
Melting Temp (°C) - 464 Liquidus
Density (lbs/in³) - 0.262
Specific Gravity (g/m³) - 7.25
Shear Strength (MPa) - 37
Tensile Strength (psi) - 2,990
Hardness (HV) - 15.0
Fatigue Strength (psi) - 2,990
Elongation at Break - 38%
Electric Resistivity (10⁻⁹ ohm-m) - 144

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

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