



Solder Bar for Electronics Assembly

SOLDER ALLOYS

	Sn63 (%)	99C (%)	SAC0307 (%)	SAC305 (%)
Tin (Sn)	62.5 - 63.5	98.8 - 99.8	98.5 - 99.5	96.0 - 97.0
Silver (Ag)	0.10	0.10	0.2 - 0.4	2.8 - 3.2
Cadmium (Cd)	0.002	0.002	0.002	0.002
Lead (Pb)	36.5 - 37.5	0.07	0.07	0.07
Aluminum (Al)	0.005	0.005	0.005	0.005
Copper (Cu)	0.08	0.60 - 0.80	0.60 - 0.80	0.40 - 0.60
Arsenic (As)	0.03	0.03	0.03	0.03
Iron (Fe)	0.02	0.02	0.02	0.02
Zinc (Zn)	0.003	0.003	0.003	0.003
Gold (Au)	0.05	0.05	0.05	0.05
Indium (In)	0.10	0.10	0.10	0.10
Antimony (Sb)	0.20	0.20	0.20	0.20
Bismuth (Bi)	0.10	0.10	0.10	0.10
Nickel (Ni)	0.01	0.01	0.001	0.01

Available in 1 kg Bar or Feeder Bar.

Nathan Trotter solder is produced under strict quality procedures using high purity metals that are responsibly sourced through our direct network of mines and smelters around the world. The result is a solder that provides superior performance and the lowest possible dross rates.

With extensive laboratory capabilities, all solder alloys are analyzed for consistency and repeatability. To further support our customers' assembly process we also offer a free solder analysis program to keep all material in-spec while in use. Lead times for new orders are very prompt, often shipping same-day from our production facility or strategically located warehouses across the US and Mexico. Expert technical support is always available.

As North America's largest importer of tin, Nathan Trotter is able to offer a unique commodity-minded approach to solder bar which allows our customers to excel in an increasingly competitive environment, we call it - **Solder Simplified**.



Tin Technology & Refining, the recycling division of Nathan Trotter, operates a DEP-approved, state-of-the-art smelting facility that processes all of our customers' dross, slag, pot-dumpings, spent paste, and other solder byproducts. Our solder recycling and conversion programs stress the importance of properly handling and valuing your solder scrap. Tin Tech is committed to providing maximum value and fast turnaround, while offering customers a sustainable and environmentally friendly solution to their solder waste.

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